## MATERIA MEDICA OF AYURVEDA

#### BASED ON AYURVEDA SAUKHYAM OF TODARĀNANDA

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Dedicated to the memory of

# Late PANDIT RAM PRASAD SHARMA (Ex-Rajavaidya of Patiala)

in

Grateful acknowledgement of his erudite scholarship and unwearied services for the revival and development of Ayurveda

#### **FOREWORD**

Though several important works on Ayurveda have been published till now, there is a large number of works which are still in the manuscript stage in libraries and could not see the light. The name of some of these works we know by coming across them in commentaries and compilations. The reason is mostly economic because the texts which are included in the prospectus are studied in institutions and get priority in publication while others lag behind. The result is that to-day teachers and students are not acquainted with even the names of such texts what of going through them.

Todarānanda is a work named on Rājā Toḍaramalla, a minister of Mughal Emperor Akbar (16th Cent. A.D.). This is an encyclopaedic work having Ayurveda Saukhya as a component. Ayurveda Saukhya too is a voluminous work dealing with several aspects of Ayurveda. The present volume deals with the portion of Materia Medica which is generally known as Nighanţu.

In 1972, when I was editing the Mādhava Dravyaguṇa, I had the opportunity to see a manuscript of the Ayurveda Saukhya. I was surprised to find that it followed Mādhava's Dravyaguṇa faithfully in the context of Nighanṭu portion though the author did not mention the name of Mādhava or its work anywhere. It is also to be noted that though in other portions, source books are quoted explicitly, in Nighaṭnu portion it is conspicuously absent. Hence, it cannot be said definitely what was the source of this portion.

It is almost certain that Mādhava's *Dravyaguṇa* was quite earlier than the *Āyurveda Saukhya* because of its having been quoted by medieval authors and commentators like Sarvānanda (12th Cent. A.D.) and Vopadeva (13th Cent. A.D.). As regards Bhāva Miśra, he happened to be in 16th Cent. A.D. and thus

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may be contemporary to the work Ayurveda Saukhya. The verses of the Bhāva Prakāśa found in the Ayurveda Saukhya lead us to think that either these verses are later interpolations (particularly if they are not found in majority of the MSS.) or Bhāva Miśra himself might be associated with this work. A number of expert scholars of Banaras were engaged by Rājā Toḍaramalla for this encyclopaedic work, and it is not improbable if Bhāva Miśra, a resident of Magadha (Gayā) adjoining Kashi and a renowned expert of Dravya guṇa himself participated in this great task. It is to be noted that Bhāva Miśra, apart from the Bhāva Prakāśa Nighaṇṭu, also composed another Nighaṇṭu entitled Guṇa ratna mālā. Without close association, it becomes difficult to explain such situations. The possibility of a common source of both the authors, as proposed by the editor, is also not improbable.

Vaidya Bhagwan Dash, the editor of this work, is well-known for his devotion to enriching the literature of Ayurveda and also to making it intelligible to the outer world. He has done this job with great labour and deserves congratulations not only of myself but of the entire circle of intellectuals interested in the study of Ayurveda. I hope, he will be able to bring out other remaining volumes so as to present a total picture of the work.

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20th September 1979

#### PREFACE

There has been an increasing interest in the utilisation of the traditional systems of medicine for promotive, preventive and curative health services in many countries of the world. Avurveda is perhaps the oldest traditional system of medicine in India catering at present to the medical needs of a large section of both the urban and rural population of this country. This system of medicine has also caught the attention of medical practioners in the West. The Materia Medica of ayurveda represents a rich storehouse of knowledge of drugs based on centuries of experi-Scientists, research workers, physicians and students interested in ayurveda, often experience great difficulty in obtaining authentic works on the subject with a translation in a language generally understood by them. To cater to this long felt need, we are happy to present here the Materia Medica of Ayurveda by Rājā Todaramalla with its English translation along with critical notes.

Todaramalla hailed from Oudh in Uttar Pradesh, India. He was the dewan (Minister) under the great Moghul Emperor Akbar who ruled during the sixteenth century A.D. The emperor was well known for his secular outlook. Todaramalla, in spite of his unquestioned loyalty to this Muslim emperor, was a staunch follower of Hinduism. It was apparent to him that Hindu culture in India was in a decadent state and at a low ebb. Quite apart from religion, even sciences like astrology and medicine had fallen into disrepute. Very little original work, if any, was being done in these areas of knowledge and even the extant texts on various subjects were falling into disuse. Such of them as were available had been mutilated and subjected to unauthorised interpolations with the accretion of superstitious ideas through the centuries.

In his mission to revive and revitalise Hindu culture both in the religious and secular fields, he took the help of several eminent Sanskrit scholars of Varanasi and composed encyclox Materia Medica

paedic works on 23 different subjects by collecting material from authentic texts which were then available. To this, the added knowledge and experiences of the experts in the subject were incorporated. Most of the original texts which were then utilised for the composition of these works are no more extant and those which have survived the vicissitudes of time are now in a mutilated form with several unauthorised and erratic interpolations. It is in this context, therefore, that today Todarmalla's work has gained considerable importance, and it is for the first time that the Materia Medica portion of his encyclopaedic work on ayurveda is being brought under print. The series of works on 23 topics of Hindu culture composed under the auspices of Rājā Todaramalla is called Todarānanda which means "the delight of Todaramalla". The term saukhyani meaning "happiness" is suffixed to the name of each text on a particular topic. Thus the text on ayurveda is called Ayurveda Saukhyam. This Ayurveda Saukhyam comprises several chapters each one of which is called harsa meaning "pleasure".

In the beginning of each harşa, mangalācaraṇa or the auspicious invocation in the form of a prayer to God is furnished. The colophons at the end of each chapter indicate the contents and chapter number, among others. These invocations and colophons are missing in some manuscripts.

Calligraphic errors have not left this monumental work untouched. Six different manuscripts collected from various libraries of India and Nepal were utilised for the collation and editing of this work. Some of these manuscripts are incomplete. But in others which appeared at first to be complete, some chapter numbers have been arranged and named differently. Some chapters have also been omitted in some of these manuscripts. Therefore, while editing, it was felt desirable to serialise and renumber all these chapters making up a total of 97. This was a delicate job to perform because at the end of the chapters, in some manuscripts, the colophons are missing. For the preparation of this work on Materia Medica, ten chapters of Ayurveda Saukhyarin have been utilised. On the basis of the remaining chapters, it is contemplated to prepare separate

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volumes on different topics shortly and these texts will be in the hands of scholars gradually and in stages.

Ayurveda Saukhyam deals with various topics of ayurveda including fundamental principles, anatomy, physiology, hygiene and public health, examination of patients, diagnosis, prognosis and treatment of diseases, iatro-chemistry and materia medica. Materia Medica and allied topics are found scattered in ten different chapters of this work. The eighth chapter deals with the properties of drugs. This chapter is available in five out of the six manuscripts consulted. In one manuscript, however, this chapter is left incomplete.

This eighth chapter inter alia deals with some extraneous topics like vamana (emetic therapy) and virecana (purgation therapy). These topics, along with other allied topics, like snehana (oleation therapy), svedana (fomentation therapy), nirūha and anuvāsana (medicated enema), nasya (inhalation therapy) and rakta mokṣaṇa (blood letting) are described in detail in the 85th to 88th chapters of the edited text. It is proposed to bring out a separate volume on these topics, which taken together, are called pañcakarma therapy. These extraneous topics, therefore, are excluded from this work. This 8th chapter of the original text is divided into 29 chapters in the present work—one chapter dealing exclusively with one group of items.

The 12th chapter of the original text deals with the description of various groups of drugs collected from classics like Suśruta Samhitā. This chapter is, therefore, included in the 30th chapter of the present work. This chapter is available in three manuscripts.

The last eight chapters of the original text deal with mostly the nighanțus or synonyms of drugs and the method of preparation of some food items. Details of these chapters are given overleaf:

| Chapter Nos. given in the manuscripts | Chapter Nos.<br>in the edited<br>text | Chapter Nos.<br>in the pre-<br>sent work | The number of manuscripts in which these chapters are available |
|---------------------------------------|---------------------------------------|--|---|
| 84                                    | 90                                    | 31                                       | 4   |
| 85                                    | 91                                    | 32                                       | 2   |
| 86                                    | 92                                    | 33                                       | 3   |
| 87                                    | 93                                    | 34                                       | 3   |
| 88                                    | 94                                    | 35                                       | 3   |
| 89                                    | 95                                    | 36                                       | 3   |
| 90                                    | 96                                    | 37                                       | 3   |
| 91                                    | 97                                    | 38                                       | 3   |

There are of course, separate texts on the synonyms of drugs of ayurveda. But most of the extant ayurvedic works on materia medica invariably provide synonyms of drugs along with their properties. It is keeping in view this tradition of ayurveda, and also in order to make the present work more useful to research workers, physicians and students that these eight chapters have been included here.

All the manuscripts procured for the editing of this work were full of grammatical and syntactical errors. Some of these mistakes were common to all the manuscripts. Even the arrangement of topics in these manuscripts varied considerably. Many terms and suffixes used in this work do not stand correct according to the tradition of Pānini's grammar. The readers will find some such terms even in the present publication. It is likely that these mistakes were there in the original texts from where references were collected and the scholars who did the job did not think it proper to make any change. The other possibility is that these errors were introduced by subsequent calligraphers.

There are some orthographical peculiarities in all the manuscripts of this work. In several places na has been used in the places of na, sa in the place of sa and sa, ba in place of va, sa in the place of sa, sa in the place of sa in the place of

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gha in the place of dha and vice versa. In several places the consonants after ra are duplicated.

While editing this work, the variant readings (which include some grammatical errors also) are given at the end of each chapter under Notes and References and the original manuscripts are referred to as ādarśa pustikā. Some topics given in this work are also available in other extant ayurvedic works. The variant readings in these texts are given at the end and these extant texts are referred to as ākaia. Some portions of the manuscripts were so corrupt and incomplete that we did not think it proper to include them in the main text. In view of their significance from the materia medica point of view, they are given in the "Notes and References" at the end of the chapters.

In the manuscripts some texts are originally referred to by name from where the information was collected by the scholars. The readings in these texts bear a striking resemblance to those of Mādhava dravyaguṇa and Bhāva prakāśa. The former has been edited by Prof. P.V. Sharma and published by Chawkhamba Vidya Bhawan, Varanasi in 1973. References to these works are conspicuous by their absence in the original manuscripts. However, to facilitate research and study on this subject, these references are provided in the present work in square brackets [ ]. Since the names of these texts are not described in the original manuscripts, it is very difficult to determine as to who borrowed from whom. It is also very likely that both have borrowed their texts from a third source which has since become extinct.

While providing the English translation of the text, we have been very conscious of avoiding mistranslation. Where equivalent English words are not available, in the English text, the Sanskrit words have been transliterated as such and printed in italics. The glossary appended to this work provides a brief explanation of such terms. The nearest English equivalents of many such technical terms are given in parentheses in the English text itself.

The botanical names of most of the medicinal plants are given in parentheses against the Sanskrit names of drugs in the

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side-headings. Similarly, the English equivalents of animals, metals, minerals, etc., are provided. Wherever there is any controversy regarding the correct indentification of a drug, the botanical or English names have not been provided, lest the reader should be misguided.

One manuscript of this work was procured from a private individual of Varanasi. Some scholars had attempted a Hindi translation of this work. From the language and the paper, it appears that this attempt was not of recent origin. In some places, this Hindi translation has been consulted to decide upon the exact reading of the text.

#### Acknowledgements

Authors are exceedingly grateful to Pandit Shiv Sharma, President of the Central Council of Indian Medicine for supplying two manuscripts of this work from the collections of his illustrious father Vaidya Rama Prasad Sharma, who was the Raja Vaidya (Physician to the ruler) of Patiala. Greateful thanks are also due to the curators of the Abhilekhalaya, Kathmandu, the Royal Asiatic Society and Sanskrit College both at Calcutta for providing calligraphic/photostat copies of the manuscripts of this work available with them.

For the preparation of this work, Subhash Gupta, Kanchan Gupta and Sharada Gupta have provided considerable assistance. The authors are extremely thankful to them.

A publication of this kind may not be a commercially viable proposition. It must, therefore be said to the credit of the publishers that they have brought it out in a spirit of dedication solely with the aim of propagating this unique science of medicine in the service of the suffering humanity.

BHAGWAN DASH

LALITESH KASHYAP

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Variety [1], general property [1-2], cow's urine [3-4], goat's

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urine [5], sheep's urine [6], buffalo's urine [6-7], elephant's urine [7-8], urine of horse [8-9], camel's urine [9], urine of donkey [10], stool of animals [11], human urine [12], general description [13-14].

#### Chapter 14: Different Types of Water

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Properties in general [1-2], variety [3-13], poisonous water [13-15], water from hail stone [15-17], water from dew & frost [17-19], water from snow [20-23], water from earth [23-30], river water [31-33], water coming out from earth [34-35], water from spring [36-37], water from pond [38-39], water from pālvala or small pond [40-41], lake water [41-42], caunda water [43-44], vapī water [45-46], well water [47-48], vikira water [49-50], water of the field [51], rain water [52], water in different seasons [53-56], amśūdaka [56-58], water in different months [58-60], time of collection [61] mode of intake [62], candia kānta water [63] sea water [63], river water [64-67] polluted water [68-69], cold water [70-75], boiled water [76-79], ārogyāmbu [80-83], śṛta śīta [83-87], coconut water [88], time of taking water [89-91], water pollution [92-99], purification of water [100-102], time taken for digestion [103].

## Chapter 15: Different Types of Rice

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Rakta śāli [1], gaura şaṣtika [2], mahā śāli [3], kalama [3], vrīhi [3], pāṭala [4], sowing & transplantation [4], cultivation [5], general description [6-9]

### Chapter 16: Different Types of Corn and Pulses

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Šyāmaka, priyangu, nīvāra & koradūsa [1], yava [2-3], anu yava and vamsaja yava [3], godhūma [4-5], tila [6-7], mudga [8-9], vanya mudga [10], masūra [10], makusthaka [11], caṇaka [11], hareṇu & satīna [12], ādhakī [12-13], kulattha [13-14], vanya kulattha [15], māṣa [15-16], ātma guptā and kākāṇḍa [17], araṇya māṣa [17], rāja māṣa [18], kākāṇḍa & ātma guptā [19], atasī and kusumbha [20], niṣpāva [21], śimbi [21-25], siddhārtha [25-76], rājikā and sarṣapa [26], property in preservation [27-28], germinated corns [29], general descriptian [29-30].

### Chapter 17: Different Types of Meat

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Jāngala and ānūpa [1-15], vileśaya [16-18], guhāśaya [19-20], parņa mṛga [20-21], viṣkira [22-24], pratuda [25-28], prasaha [29-31], grāmya [31-32], kūlecara [33-35], plava [36-40], kośastha [41-42], pādin [43-46], matsya [46-47], hariņa [48], eṇa [49], pṛṣat [50] muṇḍinī[51], nyaṅku [51], ṛṣya [52], śaśa [52], śalyaka [53], lāva [54-57], vartika [57], caṭaka [58], veśma caṭaka [58], vartaka [59], tittiri [60], kukkuṭa [61], pānīya kukkuṭa [62], hārita [63], pāṇḍuka [64], kapota [65], pārāvata [65-66], egg [66], chāga [67-71], mesa [72-73], go [74], aśva· [75], mahisa [76], kadambaka & cakrāṅga [77], kacchapa [78], gaja [78-79], varāha [79], carma citrita sūkara [80], khaḍga [81], barhī [82], kapota [82-84], sarpa [85-86], śaṅkha kūrma [86-87], kṛṣṇa karkaṭa [87], haṁsa [88], cakravāka etc., [88-89], godhā [90], mūṣaka [90], description in general [91-96].

## Chapter 18: Different Types of Fish

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Property in general [1-2], rohita [3], nandikāvarta & śakula [4], pāṭhīna [5], śṛngī etc., [6-7], madgura [8], kṛṣna matsya [8], āli [9], pṛyu [9], illiśa [10], balaṅga [10], proṣtikā [11], nandīvarta [11], dīrgha tuṇḍaka [12], bhāskara [12], śakula[13], śailīndhu [13] gargabha[14], iṁvāka [14], imbikā [15], small fish [15], eggs [16], dry fish [17], putrified fish [17], burnt fish [17], river fish [18], pond fish [19], sea fish[19-20], well fish [21], general description [22-32].

## Chapter 19: Fruits

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Dādima [1-2], nipa etc., [3], karkandhu etc., [4-5], āmra [6-18] āmrātaka [19-20], lakuca [21], kara mardaka [21], amla vetasa [22], tintidika [22-23], amlikā and kośamra [23], airāvata & danta śatha [24], nāranga [24], nimbūka [25], rāja nimbū [25], jambira [26], karuṇa [26], mātuluṅga [27], tvak tikta [28] keśara [29], madhu karkaṭi [30-31], kapittha [31-33], jambu [33], tinduka [34], priyāla [34], parpaṭika [35], kṣirī [36], phalgu [37], bimbī [37], śamī [38], mṛdvīkā [38-42], kadalī [43-44], kāśmarya [44], kharjūra [45-52], madhūka [52-53], parūṣaka [54-55], tāla [55-59], nārikela [59-60], panasa [61-64], moca[65],

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slṣmātaka [66], pauskara [66], udumbara [66], vāluka [67-68], tinduka [68], priyāla [69]. vibhītaka [69], kola [70], āmalaka [70], bijapūraka, śampāka & kośāmra [71], vādāma [72-73], pulp in general [74], bad fruits [75].

#### Chapter 20: Vegetables

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General description [1-2], jīvantī [3], tandulīyaka [3], vāstuka [4], cili & pālankya [5], kāsa mardaka [6], kāka janghā [7], methikā [7], kākamāci [8], satīna [9], harimantha [9], kalāya [10], rāja kṣavaka [10-11], maṇḍūka parņī & gojihvakā [11-12]. sunisannaka [12], cangeri [13], kamcata [14], modaka [14], varuna & prapunnāța [15], vatsādanī etc., [16], kāla śāka [17], varsābhū [17], cīra bilva, ankura & asana [18], veņu karīra [18-191. atarūsaka etc., [20], vārtāka [21-23], vārtāku [24], brhatī [25], patolo [26], kāra vellaka [27], karkotika & hasti karkotika [27-28], vandhyā karkoţi & kevuka [28], kūsmāndaka etc., [29-31], alābū [32], kaţu tumbi [32], trapusa, ervāru & kakāru [33-36], kūsmānda nādi [36-37], alābu nālikā [37], patolikā [38], upodikā [39], āruka [40], nirica [40-41], mārusa [41-42], kalambuka [42], hıla mocikā [43], grīsma sundara [43], mūla kapotikā [44], mūlaka [45-46], sarsapa [46], rājikā & pancāngula [47], kausumbha [47], māṣa [48], āhastinī & pattūrā [48], nyagrodha etc., [49], samsvedaja [50-53], pinākī [54], vidārī [54], śatāvarī [55-56], visa śālūka etc., [57], pauskara [58], tāla pralamba [58], munjātaka [59], āluka [59-60], piņdāruka [61], surendra kanda [61], kadali kanda [62], māṇaka [62], sūraṇa & bhūkanda [63]. amlikā kanda [64], kumuda kanda etc., [65], musalī [66], vārāha kanda [66-67], tāla śiras etc., [67-69], general description [70-71].

### Chapter 21: Group of Best Articles

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Dhānya [1], māmsa [2], phala [3], śāka [4], ksīra, ghṛta & lavana [5], sour and pungent articles [5]. bitter and sweet articles [6], astringent things [6], sugar cane products & drinks [7], miscellaneous [7-9].

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## Chapter 22: Attributes of six Tastes

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Sweet [1], sour [2-3], saline [3], pungent [4], bitter [5], astringent [6],

#### Chapter 23: Different Types of Manda

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Manda [1]; lāja manda [2-3], dhānya manda [3-4], vāṭya manda [4-5], rakta śālī manda [6], aṣṭaguna manda [7-8], miscellaneous [9-11].

#### Chapter 24: Peyas and Allied Preparations

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Peyā [1], vilepī [2], yavāgū [3-5], pāyasa [6], kṛśarā [6], anna [7-11], ghola bhakta [12], vāryanna [13-14].

## Chapter 25: Sūpa and Allied Preparations

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Sūpa [1] yava & canaka saktu [2], śāli saktu [3-4], lāja saktu [5], yava saktu [6-8], avalehikā [8], mantha [9-12], dhānolambā [12], lājā [13], pṛthukā [14], dhānā [15], niṣpāva [15], taṇḍula piṣṭa [16].

### Chapter 26: Meat and Its Preparations

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Māmsa [1-9], māmsa rasa [10-14], sorāva [14-15].

### Chapter 27: Yuşas and Allied Preparations

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Mudga yūsa [1], rāga ṣāḍava [2-4], paṭola & nimbū yūṣa [5], mūlaka yūṣa [6], kulattha yūsa [7] pañcamuṣṭika yūṣa [8-9], navāṅga yūṣa [10], other varieties [11-12], yava maṇḍa [13], sarva dhānya maṇḍa [14], khaḍa & kāmbalika [14], dāḍimāmla [15], dhānyāmla [16], dadhyamla [16], takrāmla [17], kṛta & akṛta yūṣa [18-19], śaṇḍākī [19], rāga ṣāṇḍava [20], rasālā [21], pānaka [22-24], bhakṣya [25], ghṛta pūra [26], guḍa bhakṣya [27], madhu śīrṣaka etc., [28], saṭṭaka [29], abhisyanda [30], phenaka [31-32], vesavāra [33], palala & śas-kulī [33], parpaṭa & kṣīra parpati [34], paiṣṭika bhakṣya [34-35], virūdhaka bhakṣya [35-37], pūpaka [37], other varieties [38-42] kulmāṣa [43], miscellaneous [43].

## Chapter 28: Anupāna

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Anupāna in general [1-2], water [2], hot water [3-4], cold water [5-6], luke warm water [6], milk & meat soup [7]dhānyāmla [7], alcohol [8], fruit juice [9], milk [9-10], honey water [10], miscellaneous [11-19].

## Chapter 29: Substitutes

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Permissible substitutes of various drugs [1-33], miscellaneous [34-38].

## Chapter 30: Groups of Drugs

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General description [1-7], vidāri gandhādi gana [8-9], āragvadhādı ganā [10-11], sāla sārādi gana [12-13], varunādi gana [14-15], vīratarvādi gaņa [16-17], rodhrādi gana [18-19], arkādi gaņa [20-21], surasādi gana [22-23], muskakādi gana [24-25], kṛṣṇādi gaṇa [26-27], elādi gaṇa [28-29], vacādi & haridrādi gana [30-31], kakolyādi gana [32-33], ūsakādi gana [34-35], sārivādi gaņa [36-37], anjanādi gaņa [38-39], parūsakādi gana [40-41], brhatyādi gana [42-43], gudūcyādi gana [44], vatsakādi gana [45-46], mustādi gana [46-47], utpalādi gana [48], triphalā [49-53], tryūṣaṇa [53-54], trikarsita [55], āmalakyādi gaņa [56], trapvādi gana [57-58], lāksādi gana [59-60], ksudra pañca mula [61], mahat pañca mula [62], dasa mula [63], vallija panca mūla [64], panca kantaka [65-66], traa panca mūla [67], kadambādi gaņa [68], karanjādi gana [69], panca kola [70], pācana gana [72], dārana gana [73], prapīdana gana [74], śodhana kasāya [75], samśodhana varti [76-78], pañca gavya, etc., [79-81], samśodhana ghṛta [81-82], śodhana taila [83], śodhana cūrna [84], śodhana rasa kriyā [85], ropana kasāya [86], ropaņa varti [87], ropaņa kalka [88], ropaņa ghrta [89], ropana taila [90], ropana cūrna and rasakriyā [91], utsādana [92], avasādana [93-94], pañca valkala [96], asta varga [97-103], sarvauşadhi [104-105], sugandhāmalaka [106], tri sugandhi & cātur jātaka [107-109], pañca sugandhi [110], varārdha & ādva puspaka [111], mahā sugandhi [112], samtarpana [113], group of sweet drugs [114-117], group of sour drugs [118-121], group of saline drugs [121-122], group of pungent Contents

drugs [122-124], group of bitter drugs [125-130], group of astringent drugs [131-134], pañcāgni [135], groups of drugs for samśodhana [136], drugs for emesis [137], drugs for purgation [138], drugs which are both emetic & purgative [139-140], errhlines [141], group of drugs for alleviation of vāyu [143], group of drugs for alleviation of pitta [144], group of drugs for alleviation of kapha [145], proper dosage [146], unwholesome food for a patient [147], wholesome food & regimens [148-150], general description [151-154].

## Chapter 31: Synonyms of Drugs (Abhayādi varga)

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Upakrama [1], harītakī [2-3], āmalaka [4], vibhītaka [4-5], triphalā [5], bhūmyāmalakī [6], prācīnāmalaka [6], vāsā [7], gudūcī [8-9], bilva [9-10], araņī [10], patalā & kāstha pātālā [11], gambhāri [12], śyonāka [13], mahat panca mūla [14], goksura [15], sāli parņī [16], pṛśni parņī [17], bṛhat kanṭakārī [18], laghu kantakārī [19], śveta kantakārī [20], laghu pāñca mūla [20], daśa mūla [21], rdhi and vrddhi [21], kākolī [22], ksīra kākolī [23], medā [23], mahā medā [24], jīvaka [24], rsabhaka [25], asta varga [25], jīvanti [26], madhu yasti [27], māsa parņī [28], mudga parnī [29], jīvanīya gana [30], eranda [31], rakta eranda [32], sārivā [33], yavāsā [34-35], mahā mundī [36], apāmārga [37], rakta apāmārga [38], kampillaka [38], dantī [39-40], jayapāla [41], śveta niśotha [41], śyāma niśotha [42], indra vāruņī [43-44], āragvadha [45], nīlinī [46], katukī [47], ankola [48], sehunda [49], nimba [50], mahā nimba [51], kirāta tikta [52], kuṭaja [53], indra yava [54], madana phala [55], kamkustha [56], svarņa ksīrī [57], sātalā [58], asmanta [59], kāncanāra [60], nirgundī [61], sephālikā [61], meşa śingī [62], sveta punarnavā [63], rakta punarnavā [64], ksudra varsābhū [64], rāsnā [65], aśva gandhā [66], prasāranī [67], śatāvarī [68], mahā śatāvarī [69], balā [70], mahā balā [71], atı balā [72], tejavati [73], jyotismati [74], devadāru [74], sarala [75], puskara mūla [76], kustha [77], karkata śrngī [78], rohişa trna [79], katphala [80], bhārgī [81], pāsāna bheda [82], mustā [83], dhātakī [84], vidārī kanda [85-86], māyikā [87], vārāhī kanda [88], pāthā [89], mūrvā [90], manjisthā [91], handrā [92], dāru handrā [93], cakra marda [94], vākucī [95], bhringa rāja [96], parpata [97], śaņa x xvi Materia Medica

puspī [98], trāya māņā [99], mahā jālinī [100], atīvisā [101], kākamācī [102], kāka janghā [103], lodhra [104], vrddha dāru [105], devadālī [106], hamsa pādī [107], soma vallī [108], nākulī [108], vata patrī [109], lajjālu [109], muśāli [110], kapı kacchu [111], putranjīva [111], vandhyā karkotī [(12], visņu krāntā [113], śamkha puṣpī [113], dugdhi [122], arka puṣpī [123], bhallātaka [123] cerapotī [124], droņa puspī [125], brāhmī [126], suvarcalā [127], matsyākṣī [128], nāga damanī [129], guñjā [130], vellantara [131], vandāka [132], piņdālū [133], chikkiņī [133], rohitaka [134], moca rasa [135], aja gandhī [136]. saireyaka [136-137], giri karņikā [138], kokilāksa [139], kārpāsa [140], ārāma śītalā [140], tāmra cūḍa [141], vāmī [141], valā moṭā [142], śara pumkhā [142], mayūrā śikhā [143], laksmanā [143], māmsa rohiņī [144], asthi samhāra [144], arka [145], karavīra [146], dhastūra [147], kalihārī [148], kumārī [149], bhangā [150], kāncanī [150], dūrvā [151], gaņda dūrvā [152], kāsa [152], darbha [153], munja [153], nala [154], vamsa [154], khurāsāni yavāni [155], khasa khasa [155], āphū [156], pātāla garuda [156].

## Chapter 32: Synonyms of Drugs (Sunthyādi varga)

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Sunthī [1], ārdraka [2], marica [2], pippalī [3], tryūṣaṇa and caturuśaṇa [4]. pippalī mūla [5], cavya [6], gaja pippalī [6], citraka [7], panca kola, sadūṣaṇa [8], śata puṣpā [9], miśreyā [10], methi [10], aja modā [11], jīrā [12], upakuncikā [13], yavānī [14-15], aja gandhā [16], vacā [17], hapusā [18], vidanga [19], dhānyaka [20], hingu patrī [21], hingu [22], vamśa rocanā [23], saindhava [24], sauvarcala [24], vida [25], sāmudra lavaṇa [25], audbhida lavaṇa [26], romaka lavana [26], pāmśu lavaṇa [27], kāca lavaṇa [27], yava kṣāra [28], svarji kṣāra [28], taṅkaṇa [29], sudhā ksāra [29], sarva kṣāra [30].

## Chapter 33: Synonyms of Drugs (Karpūrādi varga)

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Karpūra [1], kastūrī [2], candana [3], rakta candana [4], pīta candana [5], kṛṣṇāguru [6], kuṁkuma [7], śīlā rasa [8], jātīphala [9], jāti patrī [9], lavaṅga [10], kaṁkola [11], sūkṣ-

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## Chapter 34: Synonyms of Drugs (Suvarṇādi varga)

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Suvarņa [1], rupyaka [2], tāmra [2], kāmsya [3], pittala [4], vanga [5], nāga [5], lauha [6], maņdūra [6], pārada [7], abhra [8], gandhaka [8], māksīka [9], manaḥśilā [9], harītāla [10], gairīka [11], tuttha [12], kāsīsa [13], hingula [14], sindūra [14], sauvīra anjana [15], srotonjana [15], rasanjana [16], puṣpānjana [17], śilā jatu [18], bola [19], sphatikā [19], samudra phena [20], pravāla [21], muktā [21], māṇikya [22], sūrya kānta [22], candra kānta [23], gomeda [23], hīrā [24], vaidūrya [24], marakata [25], śukți [25], śamkha [26], laghu śamkha [26], kapardikā [27], khatikā [27], gauda pāsāṇa [28], panka and vālukā [28], cumbaka pāṣāṇa [29], kāca [29].

## Chapter 35: Synonyms of Drugs (Vaţādi varga)

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Vața [1], aśvattha [2], udumbara [3], kāṣṭhodumbara [4], plakṣa [4], nandī [5], kadamba [5], arjuna [6], śirīṣa [7], ārtagala [8], vetasa [8], jala vetasa [9], samudra phala [9], śleṣmātaka [10], pīlu [11-12], sāka [12], śāla [13], tamāla [13], khadira [14], vit khadira [15], babbūla [15], vijaya sāra [16], tinisa [16],

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bhūrja [17], palāśa [17], dhava [18], dhanvana [19], aja karņa [19], varuņa [20], jingini [20], śallakī [21], ingudī [22], karahārī [22], muṣkaka [23], pāribhadra [23], śālmalī [24], tuņi [25], sapta parņa [26], haridrā [26], karañja [27], karanji [28], śamī [29], śirīsikā [30], ariṣtaka [30], simsapā [31], agastya [31].

## Chapter 36: Synonyms of Drugs (Drāksādi varga)

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Drāksā [1-4], āmra [5-8], jambu [8-10], nārikela [11-13], kharjūrikā [14-17], sılemāni kharjūra [18], kadalī [19-21], dādima [21-23], badara [24-27], laghu badara [27-30], ksīrī [31-32], priyāla [33-34], parusaka [35-36], tinduka [37-39], kimkiņī [40-41], āru [41-42], madhūka [42-45], panasa [46-47], lakuca [48-49], tāla [49-51], kharbūja [52-53], seva [53-55] amṛta [56], bādāma [57], nikocaka and pistā [58-60], kelā [60], āru [61], anjīra [62], aksota [63], pālevaka and mālavaka [64-65], tūta [66], gāngeruka and todana [67-69], tuvaraka [70-71], bīja pūraka [71-75], madhu karkatikā [75-76], nārangī [76-77], jambīraka [78-79], amla vetasa [79-80], sārāmlaka [81], nimbuka [81-85], karma ranga [86], amlikā [87-88], tittidīka [89-90] karamarda [90-91], kapittha [92-94], kapittha patrī [94-95], āmrātaka [95-96], rājāmra [97], caturamla and pancāmla [98-99], kośāmra [99-101], supārī [101-103], tāmbūla [104-105], lavali [106-107], general description [108-109].

## Chapter 37: Synonyms of Drugs (Kūṣmāṇḍādi varga)

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kūsmāṇḍa [1], kāliṅga [2], tumbī [2], katu tumbī [3], karkaṭī [3], trapusa [4], cirbhaṭī [5], vāluka [5-6], kośātakī [6-7], rāja kośātakī [7], mahā kośātakī [8], vṛntākī [8-9], bimbī [10], kāravellaka [10-11], karkoṭaka [11], vandhyā karkoṭakī [12], kola simbī [13], diṇḍisā [13], simbi [14], vāstūka [14], jīvantaka [15], cillī [15], kāla śāka [16], ṭandulīyaka [16-17], phogo [17], paṭola [18-19], cicciṇḍa [19], pālaṅkyā [20], upodikā [20], lonika [21], suniṣannaka [22], ṣira vāra [22], sarṣapa śāka [23], caṇaka śāka [23], kalāya śāka [24], caṅgerī [24], kāsamarda ann grājana [25], mūlaka [25], karīraka [26], śigru [26-28], laśuna [28-29], palāṇḍu [29], kṣīra palāṇḍu [30], gṛājana [30-32], sūra-

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na[32-33], asthi samhāra [33], vārāhi [34], muśalī [34], keyu [35], bhūchatra [35], māṇa kanda [36], kaseru [36], śṛṅgāṭaka [37], piṇḍālu [37-39].

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(Jalādi varga and food preparations)

Jala [1], dugdha [2], dadhi [2], takra [3-4], navanīta [5], ghṛta [5], madya [6], iksu [7], ikṣu vikāra [8-9], madhu [10-11] madhūcchiṣṭa [12], group of dhānya [12-14], ksīrī [15-16], rāga ṣāḍava [16-19], khaṇḍāmra & khaṇḍāmalaka [19-20], sikhariṇi [20-22], pānaka [23-28], satṭaka [28-30], manḍaka [30-33], polikā [34-35], śālipiṣṭa [35-36], godhūma bhakṣya [36]. vaidala bhakṣya [37], māṣa bhakṣya [37], anya bhakṣya [38], guda yukta bhakṣya [38], ghṛta pakva bhakṣya [39], taila pakva bhakṣya [39], dugdha bhakṣya [40], ghṛṭa pūra [41-44], saṁyāva [44-48], madhu śīrsaka [48-50], madhu pūpaka [50-51], dadhi pūpaka [51-53], viṣyandana [54-58], lapsikā [58-60], phenikā [60-61], modaka [61-64], vaṭaka [64-66], iṇḍarī [67], somālikā [67], kuṇḍalika [68-71], kulmāṣa [71-72], mantha [72-75], saktu [76-79], lājā [80-81], dhānā [81], pṛthukā [82], holaka [83], umvī [84].

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(Glossary of Technical Terms)

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(Synonyms of Drugs)

## INDO-ROMANIC EQUIVALENTS OF DEVNĀGARĪ

| अ    | a                  | क  | ka  | ण | ņа  | व  | va |
|------|--------------------|----|-----|---|-----|----|----|
| श्रा | ā                  | ख  | kha | त | ta  | হা | śa |
| इ    | i                  | ग  | ga  | थ | tha | ष  | şа |
| ई    | î                  | ঘ  | gha | द | da  | स  | sa |
| ਭ    | u                  | ङ  | 'nа | घ | dha | ह  | ha |
| ऊ    | ū                  | च  | ca  | न | na  |    |    |
| ऋ    | ŗ                  | छ  | cha | प | pa  |    |    |
| ऋ    | ţ                  | জ  | ja  | फ | pha |    |    |
| ए    | е                  | झ  | jha | ब | ba  |    |    |
| ऐ    | ai                 | হা | ña  | भ | bha |    |    |
| श्रो | О                  | ਣ  | ţa  | म | ma  |    |    |
| श्रौ | au                 | ਣ  | ţha | य | ya  |    |    |
| अं   | $\dot{\mathbf{m}}$ | ड  | фа  | र | ra  |    |    |
| ग्र: | <b>ḥ</b>           | ढ  | dha | ल | la. |    |    |

#### INTRODUCTION

The history of the materia medica of ayurveda is as old as the Vedas. The Rk Veda (prior to 4500 B.C.), which is the oldest repository of human knowledge, has described about 67 plants. Other Vedas, namely, Sāman, Yajus and Atharvan are also replete with references to various aspects of ayurveda, including the description of drugs and their therapeutic effects. Medicinal plants are also described in the samhitā, upaniṣat and purāna texts.

Ayurveda is an *upaveda* or subsidiary text of the *Atharva* veda and it has the following specialised branches;

- (1) Kāya cikitsā or Internal medicine;
- (2) Šalya tantra or Surgery;
- (3) Sālākya tantra or the treatment of diseases of head and neck;
- (4) Agada tantra or Toxicology;
- (5) Bhūta vidyā or the management of seizures by evil spirits and other mental disorders;
- (6) Bāla tantra or Paediatrics;
- (7) Rasāyana tantra or Geriatrics including Rejuvenation therapy; and
- (8) Vājikarana tantra or Science of Aphrodisiacs.

Classics were composed on each of these specialised branches. In some classics, all these branches of ayurveda were put together. Prior to the seventh century B.C., many ayurvedic classics were composed. The important ones, among them, are Caraka samhitā. Suśruta samhitā, Bhela samhitā, Kāśyapa samhitā and Hārīta samhitā. Most of these texts are not available in their original form now. Caraka samhitā, which was originally composed by Agniveśa and was called Agniveśa sāmhitā, was subsequently redacted by Caraka. Even this redacted version is not available in its entirety now. Out of 120 chapters,

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about 41 chapters were missing and were subsequently added by a fourth century scholar named Drdhabala. Suśruta sainhitā was also redacted by Nāgārjuna. The remaining three texts are not available in their complete form. Hārīta samhitā, which is available now, appears to be different from the original one. Subsequently, two texts of Vāgbhata, namely, Astānga hrdaya and Aṣṭānga saṅgraha were added to this series of classics and both these works are available in their complete form. In all these important ayurvedic classics, separate chapters are provided for the description of drugs and their therapeutic properties. The fundamental principles dealing with the concept of drug composition and drug action are also described in these texts. Dravya guṇa or materia medica, as a separate text, came into existence much later.

The advent of Buddhism in India brought considerable change in the practice of ayurveda. Surgery, the performance of which is invariably associated with pain, was treated as a form of himsā or violence, and therefore, its practice was banned. To compensate this loss, and to alleviate the sufferings of ailing humanity, more drugs were added during this period to ayurvedic materia medica. Prior to this period, metals and minerals were no doubt used for therapeutic purposes. But their use was in a crude form and they were sparingly used. Buddhist scholars added considerably to the metals and minerals in avuryedic materia medica, inasmuch as Rasa śāstra or Iatro-chemistry, formed a specialised branch and many authentic texts were composed on this subject. Thus, the loss by discarding the practice of surgery was well compensated by the addition of natro-chemistry to the materia medica of ayurveda during this period.

Some of the Buddhist rulers, like Asoka, established several herb-gardens, so that people could get drugs conveniently for the treatment of their diseases. Buddhist monks were encouraged to learn ayurveda and practise it, which was considered to be the most convenient and popular method of spreading the teachings of their Preceptor. Thus, through Buddhism, ayurveda spread to Śrī Lańkā, Nepal, Tibet, Mongolia, the Buriyat Republic of Soviet Russia, China, Korea, Japan and

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other South-East Asian countries. Ayurvedic texts, including texts on materia medica, were translated into the languages of these countries and these are still available in translated form even though some of their originals have become extinct in the country of their origin. Based upon the fundamental principles of ayurveda, some local herbs, diet and drinks were included in the traditional medicine of the respective countries. The materia medica of ayurveda was thus enriched.

India was severally invaded by outsiders like the Greeks, the Saks and the Hoons. When these people came into contact with the rich tradition of India, especially the medical science, they carried back with them medicines and doctors. Indian doctors who went with them, translated ayurvedic texts into their languages. The new drugs which were specially used in those places were incorporated into the ayurvedic pharmacopoeia. Such repeated exchanges of scholars enriched ayurveda and its materia medica. Through commercial channels ayurvedic drugs and spices were exported to these countries and they were held in high esteem there.

Several universities were established during this period for imparting theoretical and practical training in different religious and secular subjects. Taxila and Nalanda were the two such universities which attracted not only intellectuals, from different parts of this country but many from abroad. In Taxila, there was a medical faculty with Atreya as its Chairman. In Buddhist literature, there are many interesting stories and anecdotes about the activities of these universities, their scholars and faculty members. One such anecdote is related to Jīvaka who was three times crowned as the King of Physicians because of his proficiency in the art of healing. He was an expert in paediatrics and brain surgery. It was the practice at that time for candidates desirous of admission to the faculty in the university to appear for a test before the Dvārapāla or the gate-keeper. Jīvaka and several other princes had to face these tests before being considered for admission to the medical faculty. They were asked to go to the nearby forests and collect as many plants as possible, which did not possess any medicinal property. By the evening candidates returned xxxiv Materia Medica

with several plants which they considered to be free from medicinal properties. Jīvaka did not return for several days and, when he did, he was empty handed. On a query from the gate-keeper, Jīvaka replied, "I could not find any plant, or for that matter anything which does not have medicinal value." He alone was selected for admission to the medical faculty. This was the status of knowledge of the candidates for the medical faculty at that time. This was the time when the knowledge of materia medica became highly developed.

As has been mentioned before, Buddhism was partially responsible for the arrest of development in some branches of ayurveda. Foreigners who ruled over India brought with them medicines and medical men from their own countries and patronised them. The practice of ayurveda, thus, lost the support and patronage of the rulers. Apart from foreign invasions, during the medieval period, the ruling states in this sub-continent itself were engaged in fighting amongst themselves. The spread of Buddhism was so rapid among the masses of India and abroad that the intellectuals of the country were terribly afraid for their own existence. While their rulers were engaged in political battles, these intellectuals quarrelled among themselves in the name of religion. During this process, many libraries were burnt. Quite apart from any original thinking, the scholars could not preserve even the books which had already been composed prior to this period. The practice of ayurveda was despised. It was considered sinful to touch a dead body or a woman giving birth to a child. Thus, the practice of obstetrics, anatomical dissections and surgery went out of the hands of the physicians. Examination of urine and stool was considered unclean. Pulse examination by touching the patient was frowned upon. Thus, the practitioners of ayurveda became outcastes. The profession did not attract intellectuals. Specialised branches disappeared from the scene. What remained were only a few medicines for a few diseases and these were practised by people of low intellectual calibre.

Because of the arrest of the progress, many superstitious interpolations and redactions crept into the medical texts. Even these texts were not readily available Such was the Introduction xxxv

state of affair during the sixteenth century A.D. which moved Rājā Todaramalla to salvage the remanants of these sciences from the then available mutilated texts by incorporating the knowledge and experience of the scholars of that time. In this encyclopaedic work different topics of ayurveda are described in 97 chapters. Out of these, only ten selected chapters have been utilised for preparation of the present work on materia medica.

## Literature on Ayurvedic materia medica

The oldest text on the materia medica of ayurveda now extant is the Rasa vaiśesika of Nāgārjuna (fifth century A.D.). It deals, among others, with various concepts of drug composition and drug action. During the medieval period, the Aṣṭānga nighaṇṭu was composed by one Vāhatācārya. This work describes the synonyms of drugs belonging to various groups or gaṇas of Aṣṭānga saṅgraha. This Vāhatācārya seems to be different from Vāgbhaṭa, the author of Aṣṭānga hṛdaya and Aṣṭānga saṅgraha. This seems to be the work done during the eighth century A.D..

The Paryaya ratnamālā of Mādhava (9th century A.D.) describes the synonyms of different groups of drugs. Dhanvantari nighantu is perhaps the most popular text where the properties of different groups of drugs are described along with their synonyms. This work was composed prior to the thirteenth century A.D. Nighantu śesa was composed by a Jain scholar namely Hemacandra in twelfth century A.D. It contains the synonyms of different types of plants. Sodhala nighantu is another important work on the materia medica of ayurveda next to Dhanvantari nighatu. It was composed during the twelfth century A.D. Madanapāla nighantu composed by Madana pāla in 1374 A.D. describes the properties of different types of drugs. Kaiyadeva nighantu written by Kaiyadeva, describes the properties of 9 groups of drugs. It was composed during A.D. 1450. Bhāva miśra composed an encyclopaedic work called Bhāva prakāśa during the sixteenth century A.D. It has a separate section on the description of drugs and their synonyms. Besides, several texts on rasa śāstra were composed during this period. In these texts the properties of metals and minerals and a few vegetable as well as animal products are also described.

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These texts on the materia medica of ayurveda were composed prior to the composition of Ayurveda Saukhyain of Todarānanda. Many verses of Ayurveda Saukh yam are also available in the Bhāva-prakāśa, Āyurveda prakāśa and Mādhava nighantu, even though these names are not quoted by the author. A cursory glance through the text of Azurveda Saukhyam of Todaramalla indicates that the author has taken care to indicate the name of the text or the author from where material has been compiled. Mādhava nighanţu, Āyurveda prakāśa and Bhāva prakāśa were already composed when Ayurveda Saukhyam was under preparation. Either these works were not considered important enough to be cited as references or they were not available to the scholars who compiled the text of Avurveda Saukh-The identity of the texts between these works namely, Ayurveda Saukhyam on the one hand, and Mādhava nighantu, Āyurveda prakāśa and Bhāva prakāśa on the other, indicates that all of them might have collected their textual material from another work which has since gone extinct.

The classification of drugs, food and drinks in these texts vary from each other. The system of classification followed by Mādhava nighantu is closer to the classification followed in Ayurveda Saukhyam.

## Basic Concepts regarding the Creation of the universe

Ayurveda has drawn its basic concepts from the different philosophical systems of ancient India. The Sāmkya-Pātañjala system and the Nyāya-Vaiseṣika system have considerably influenced the physical, physico-chemical, physiological and pharmocological theories of ayurveda. Sāmkya-Pātañjalar system accounts for the creation of the universe and composition of matter on the principles of cosmic evolution. The Nyāya vaiseṣika system lays down the methodology of scientific studies and elaborates the concepts of mechanics, physics and chemistry.

The manifested world, according to the Sāmkya is an evolution of the unmanifested Prakṛti or primordial matter stuff, which is conceived as formless and undifferentiated, limitless and ubiquitous, indestructible and undecaying, ungrounded and

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uncontrolled as well as without beginning and without end. This unity of *Prakṛti* is a mere abstraction. It is in reality an undifferentiated manifold and indeterminate infinite continuum of three attributes called (1) the sattva (2) the rajas and (3) the tamas. The sattva attribute is the medium of reflection of intelligence. The rajas represents the energy which creates a tendency for work by overcoming resistance. The tamas is the mass or mertia where the effects of rajas and sattva in the form of energy and conscience respectively are manifested.

These three guṇas or attributes are interdependant. The rajas, in combination with the sattva, helps in the creation of the sensory and motor faculties including the mental faculty. The rajas, in combination with tamas, gives rise to the five categories of tanmātiās which are also known as subtle bhūtas. These tanmātiās are in the form of quanta of different types of energy, which, by different types of of permutation and combination, gives rise to different categories of material. All these quanta of energy are present in all the types of matter. Therefore, there is nothing like a pure substance consisting of only one type of energy. It is at this stage that the energy is transformed into matter with undifferentiable distinction.

These unmanifested tanmātrās and the manifested mahābhūtas are of five types namely, pṛthvī, ap, tejas, vāyu and ākāśa. Since there is nothing like a pure substance, as has already been explained, the substance of a drug is called pārthiva, āpya, taijasa, vāyavīya or ākāśīya, depending upon the predominance of the tanmātrās of pṛthvī, ap, tejas, vāyu and ākāśa respectively in its composition.

According to Nyāya-Vaiśeṣika system, there are nine dravyas or categories of matter. They are the five mahā bhūtas, namely, pṛthvī, ap, tejas, vāyu and ākāśa and dik (direction or space), kāla (time), ātman (soul) and manas (mind). It is significant to note here that the time and space are considered in Nyāya-Vvaiśeṣika as two different categories of matter. Similarly, ātman and manas are also considered as matter. Thus, according to Nyāya-Vaiśeṣika, the entire universe, including the time, space, soul and mind is of nine categories. Depending upon

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their attributes all the basic atoms of modern physics and chemistry can be classified into these five categories of  $mah\bar{a}$   $bh\bar{u}tas$ . If these items are to be explained according to the  $S\bar{a}mkya$ - $P\bar{a}ta\bar{n}jala$  system then each one of these atoms is a conglomeration of five categories of energy or  $tanm\bar{a}tr\bar{a}s$ , having a mass in the form of  $prthv\bar{i}$ , cohesion or gravitation in the form of ap, heat or light in the form of tejas, 'motion in the form of  $v\bar{a}yu$  and intermittant space in the form of  $\bar{a}k\bar{a}sa$   $tanm\bar{a}tr\bar{a}$ . Thus, the  $Ny\bar{a}ya$ -Vaisesika concept of matter begins from where the  $S\bar{a}mkhya$ - $P\bar{a}ta\tilde{n}jala$  concept of matter ends. There is a subtle difference between these two concepts.

These mahābhūtas are present both in drugs and in human bodies, in a particular proportion. The human body grows during young age, gains stability during adulthood and gets decayed or reduced during the old age. During all these stages of human life, these mahābhūtas remain in a particular proportion in a state of equilibrium in the human body. During the different stages of life, because of the activities of life force represented in the form of the action of agni or enzymes, there is a natural consequence of these mahābhūtas being consumed for the manifestation of energy and heat. This natural loss is replenished and the hormal growth and maintenance of stability are achieved by the supplementation of these mahābhūtas through intrinsic and extrinsic sources i.e., food, drinks, senses, air, light and mental activities.

If there is any change in this equilibrium of mahābhūtas in the human body, it results in disease and decay. To correct this state of imbalancement, the patients are given different types of drugs, food, drinks and regimens which help in the maintenance of this state of equilibrium. This, in brief, is the concept on the basis of which a drug is selected for the treatment of a disease. But it is very difficult to ascertain the nature of the mahābhūtas which have undergone changes in the body. It is also difficult to ascertain the quantum of mahābhūta present in a particular drug, diet or regimen. That is why, for all practical purposes, this theoretical concept in ayurveda has further been simplified with a view to enable the physician to determine with ease and convenience the nature of

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disturbance in the body and the type of drug, diet and regimen required for a healthy person and a patient.

# Composition of Human body

The five mahābhūtas which enter into the composition of the human body are classified into three categories, namely (1) doṣas, (2) the dhātus and (3) the malas. Doṣas govern the physiological and physico-chemical activities of the body and these are three in number, namely (1) vāyu, (2) pitta and (3) kapha. (These are often mistranslated as wind, bile and phlegm respectively). Vāyu is responsible for all the movements and sensations, including motor actions inside the body. Pitta is responsible for all physio-chemical activities of the body in the form of metabolism, production of heat and energy. Kapha is the substance which maintains compactness or cohesiveness in the body by providing the fluid matrix to it. These doṣas are dominated by different mahābhūtas as per the table given below:—

Dosa

1. Vāyu

2. Pitta

3. Kapha

Dominating mahābhūta

Vāyu and ākāśa mahābhūtas

Tejas mahābhūta

Pṛthvī and ap mahābhūtas.

These doṣas, namely, vāyu, pitta and kapha, are further divided into five categories each. Their locations and functions are described in detail in ayurvedic classics. Diseases that are produced by the aggravation or diminution of doṣas are also described in ayurvedic texts. From these signs and symptoms manifested in the human body, the physician can judge the type of mahābhūta that has gone astray resulting in the manifestation of the disease and this helps the physician to select a particular drug.

The dhātus are the basic tissue elements of the body. They are seven in number, namely, (1) rasa or chyle or plasma, (2) rakta or the red-blood corpuscles, (3) māmsa or muscle tissue, (4) medas or the fat tissue, (5) asthi or bone tissue, (6) majjā or the bone marrow and (7) śukra and rajas or the sperm and ovum which are responsible for procreation.

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These dhātus or basic tissue elements remain in a particular proportion in the human body and any change in their equilibrium leads to disease and decay. Their functions are described in detail in ayurvedic classics. Diseases are produced only when the doṣas interact with these dhātus and this happens only when there is disturbance in their equilibrium.

These seven dhātus are also composed of five mahābhūtas. However, pṛthvī mahābhūta predominates in muscle and fat tissues; jala mahābhūta predominates in lymph, chyle and other fluid tissue elements; the hemoglobin fraction of the blood is primarily composed of tejas mahābhūta; bones are composed of vāyu mahābhūta and the pores inside the body are dominated by ākaša mahābhūta.

If there is any change in the equilibrium of these *dhātus* certain signs and symptoms are manifested in the body which are described in detail in ayurvedic classics. From these signs and symptoms, the physician can ascertain the *mahābhautic* requirement of the body for the correction of the disease, and drugs are selected accordingly.

The malas or the waste products are primarily of three categories, namely, (1) the stool, (2) the urine and (3) the sweat. These are required to be eliminated regularly. The catabolic products of the body in the form of unwanted mahābhūtas are eliminated through them. If these are not eliminated in the required quantity, then this results in disease and decay, and various signs and symptoms are manifested in the body. From these signs and symptoms, the physician can ascertain the exact mahābhautic requirement of the body and select a drug or recipe for correcting the disease.

Thus, the physician can ascertain the exact position of the  $mah\bar{a}bh\bar{u}tas$  in the body from certain external signs and symptoms.

## **Drug Composition**

Depending upon the predominance of mahābhūtas, drugs

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are classified into five categories details of which are given in the table below:

Predominance of mahābhūta in the drug.

Attributes and actions of the drug.

(1)

(2)

Pṛthvi

Substances that are heavy, tough, hard, stable, non-slimy, dense, gross and abounding in the quality of smell are dominated by *pṛthvī*; they promote plumpness and stability.

Ap

Substances that are liquid, unctuous, cold, dull, soft, slimy and abounding in the qualities of taste are dominated by ap or jala; they promote stickiness, unctuousness, compactness, moistness and happiness.

Tejas

Substances that are hot, sharp, subtle, light, ununctuous, non-slimy and abounding in the qualities of vision are dominated by tegas; they promote combustion, metabolism, lustre, radiance and colour.

 $V\bar{a}yu$ 

Substances that are light, cold, ununctuous, rough, non-slimy, subtle and abounding in the qualities of touch are dominated by vāyu; they promote roughness, aversion, movement, non-sliminess and lightness.

(1)

Āk āśa

Substances that are soft, light, subtle, smooth and dominated by the qualities of sound are dominated by  $\bar{a}k\bar{a}sa$ ; they promote softness, porosity and lightness.

From the above description alone, it becomes difficult at times to select a particular drug, diet, drink or regimen for the treatment of a particular disease. To facilitate the understanding of the mahābhautic composition of a drug and to ascertain its exact action on the human body, drugs are classified into six categories on the basis of their tastes; into 20 categories on the basis of their gunas or attributes; into eight or two categories on the basis of their vīrya or potency and into three categories on the basis of their vipāka or the taste that emerges after digestion. In ayurvedic texts, the actions of different groups of drugs on the above lines are described in detail. From these tastes (rasas), attributes (gunas), potency (vīrya) and the taste that emerges after digestion (vipāka), one can determine the mahābhautic composition of the drug. The dominating mahā bhūtas in drugs of different tastes are given in the table below:

#### Taste

# Predominating mahā bhūtas

| 1. Sweet      | <i>Pṛthvi</i> and <i>ap</i>           |  |
|---------------|---------------------------------------|--|
| 2. Sour       | Ap and tejas                          |  |
| 3. Saline     | Pṛthvī and tejas                      |  |
| 4. Pungent    | Vāyu and tejas                        |  |
| 5. Bitter     | Vāyu and ākāśa                        |  |
| 6. Astringent | $V\bar{a}yu$ and $prthv\bar{\iota}$ . |  |

Mahābhautic predominance for the manifestation of twenty gunas or attributes is given in the table below:

#### Guna

Predominating mahā bhūtas

Guru (heavy) Pṛthvī and ap
 Laghu (light) Tejas, vāyu & ākāśa

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| 3.  | Šita (cold)                | Ap                            |  |  |
|-----|----------------------------|-------------------------------|--|--|
| 4.  | Uṣna (hot)                 | Tejas                         |  |  |
| 5.  | Snigdha (unctuous)         | $\mathcal{A}p$                |  |  |
| 6.  | $R\bar{u}ksa$ (ununctuous) | Pṛthvī, tejas and vāyu        |  |  |
| 7.  | Manda (dull)               | Pṛthvī and ap                 |  |  |
| 8.  | Tīkṣṇa (sharp)             | Tejas                         |  |  |
| 9.  | Sthira (stable)            | Pṛthvī.                       |  |  |
| 10. | Sara (fluid)               | $Var{a}yu$ and $ap$           |  |  |
| 11. | Mrdu (soft)                | <i>Ap</i> and <i>ākāśa</i>    |  |  |
| 12. | Kathina (hard)             | Pṛthvī                        |  |  |
| 13. | Višada (non-slimy)         | Pṛthvī, tejas, vāyu and ākāśa |  |  |
| 14. | Picchila (slimy)           | Ap                            |  |  |
| 15. | Slakṣṇa (smooth)           | Tejas                         |  |  |
| 16. | Khara (rough)              | Vāyu                          |  |  |
| 17. | $S\bar{u}k$ şına (subtle)  | Tejas, vāyu and ākāśa         |  |  |
| 18. | Sthūla (gross)             | Pṛthvī                        |  |  |
| 19. | Sāndra (dense)             | $P_I thv ar{\imath}$          |  |  |
| 20. | Drava (liquid)             | Ap                            |  |  |
|     |                            |                               |  |  |

About  $v\bar{i}rya$  or potency, there are two different views. One group of scholars hold usna (hot) and sita (cold) to be the two types of  $v\bar{i}ryas$ . Regarding their  $mah\bar{a}bhautic$  composition usna dravyas are dominated by tejas  $mah\bar{a}$   $bh\bar{u}ta$  and sita dravyas are dominated by ap and  $prthv\bar{i}$   $mah\bar{a}$   $bh\bar{u}tas$ . Another group of scholars hold eight attributes as  $v\bar{i}ryas$  and their  $mah\bar{a}$  bhautic composition is given below:

### Vīrya

# Predominating mahā bhūtas

| 2 Finns                      |    |
|------------------------------|----|
| 2. Usņa Tejas                |    |
| 3. Snigdl.a Jala             |    |
| 4. Rūkṣa Vāyu                |    |
| 5. Guru Pṛthvī and ap        |    |
| 6. Laghu Tejaş, vāyu and ākā | śa |
| 7. Manda Ap                  |    |
| 8. Tīkṣṇa Tejas              |    |
| 8. Tīkṣṇa Tejas              |    |

Vipāka or the taste of a drug after digestion, is of three types, namely, madhura (sweet), amla (sour) and kaţu (pungent).

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The mahābhautic composition of these vipākas is determined according to those of the respective tastes.

The action of some drugs cannot be explained according to their rasa (taste), guṇa (attribute),  $v\bar{v}rya$  (potency) and  $vip\bar{a}ka$  (taste that emerges after digestion). It is because the mahā bhūtas which take part in the manifestation of rasa, guṇa etc., do not actually take part in producing the therapeutic action of the drug. They manifest their action only when the drug is administered to the patient and this is called  $prabh\bar{a}va$  or specific action.

It will be seen from the above that a drug, diet or drink, for a healthy person or a patient to prevent and cure a disease, is not selected empirically but on the basis of a rational theory. In the ayurvedic texts on materia medica, in respect of each drug, such rational explanations are not provided because such details were not found necessary. None the less, these rational explanations are always kept in view before deciding upon the therapeutic effect of a drug. On the basis of accumulated experience and the repeated observations through centuries, these actions are determined. A physician or a research worker is supposed to have prior comprehension of the rationality of these actions on the basis of  $paribh\bar{a}s\bar{a}$  that is described in the fundamental concepts.

# Mechanism of Drug Action

Before closing this topic, it will be necessary to explain some basic differences in the mechanism of drug action between ayurveda and the modern allopathic system of medicine. Ayurveda, like other systems of traditional medicine, has its unique features. It lays more emphasis on the promotion of positive health and prevention of diseases. The existence of organisms and their role in the causation of several infective diseases in the body have been recognised and elaborated. But for the prevention and cure of such diseases, the drugs and therapies prescribed in ayurvedic classics and administered by ayurvedic physicians do not aim at only killing these organisms. Some of these medicines might have bacteriostatic or bactericidal effects. But most of them do not act in this way. In

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ayurveda, more emphasis is laid upon the "field" than the "seed". If the field is barren then the seed, howsoever potent it may be, will not germinate. Similarly, howsoever potent the germ or the bacteria may be, they will not be able to produce disease in the human body unless the tissues of the body are fertile (vitiated) enough to accept them and help in their growth and multiplication. Killing these germs by administering medicine would not solve the problem permanently. may give instant relief, and perhaps the body resistance during this period will be developed enough as a reaction to the infection by these germs which may result in the prevention of their further attacks. Man cannot live in an absolutely germfree atmosphere even though he can minimise it. The only thing that can be done safely is to keep the tissues of the body barren and unreceptive towards these germs. Once the body is afflicted, the tissues should be so conditioned by drugs, diet and other regimen that these germs or bacteria, by whatsoever name we may call them, will find the atmosphere hostile towards their survival, multiplication and growth. All medicines and therapies including preventive measures prescribed in ayurveda aim at conditioning the tissues and not killing the invading organisms.

Allopathic drugs which are employed specially for killing organisms may produce the same or a similar effect on the tissues of the body. When they are given in a dose sufficient to kill the invading organisms, they may simultaneously kill the friendly organisms in the body as well, and may impair the normal functioning of the tissues. Thus, they produce side or toxic effects while curing the disease. Ayurvedic medicines, on the other hand, while conditioning the tissues of the body against the organisms, nourish and rejuvenate them. Thus, when the disease is cured, the individual gets many side benefits. It is because of this that all ayurvedic medicines are tonics.

Except for a few modern drugs, e.g. minerals and vitamins, all others are meant exclusively for patients. All ayurvedic drugs, on the other hand, can be given to both patients and healthy individuals simultaneously—in patients they cure diseases and

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in healthly individuals they prevent disease and promote positive health. To illustrate the point:  $v\bar{a}s\bar{a}$  (Adhatoda vasica Nees) is very often prescribed by ayurvedic physicians to a patient suffering from bronchitis, laryngitis, pharyngitis and even tuberculosis. May be, some fractions of this drug have properties to kill some of the organisms causing these ailments. But that is not the primary consideration which motivates the physician to prescribe this drug. These organisms thrive and multiply to produce a disease in the respiratory tract and throat only when the local tissue elements are afflicted with excessive kapha dosa. Vāsā counteracts this aggravated kapha doṣa, and helps in the maintenance of its state of equilibrium in the body by which the organisms become incapable of producing these ailments.

In avurveda the treatment prescribed does not aim at correcting the afflicted part alone. In the process of manifestation of the disease several organs are involved. The disease takes its origin from a particular place. It moves through a particular channel and then gets manifested in a particular organ. Therefore, the treatment always aims at correcting the site of origin, the channels of circulation along with the site of manifestation of the disease—all together. Take for example, the treatment of bronchial asthma which in ayurvedic parlance is known as tamaka śvāsa. The breathing difficulty in the disease is caused by the spasm of the bronchi, and to relieve it, antispasmodic drugs are generally prescribed in modern medicine. But the aim of the ayurvedic treatment of this disease is different May be, some ayurvedic drugs used against this disease have this antispasmodic effect which can be demonstrated even in animals under experiment. most of the drugs which are used in this treatment will not produce any anti-spasmodic effect and a pharmacologist will be at a loss and reject them as useless in the treatment of bronchial asthma. A clinician, on the other hand, will appreciate its effects on his patients even though he may not be able to explain their effects in terms of modern physiological and pathological concepts. This disease takes its origin from the stomach and small intestine. The primary aim of the ayurvedic physician is to correct these two organs either by

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giving emetic therapy, or by giving such medicines which will keep the bowels clean. Harītakī (Terminalia chebula Retz.) along with other medicines is useful in correcting these two organs of the body, and therefore, all preparations indicated for the treatment of bronchial asthma invariably contain harītakī and other drugs having identical properties.

These four topics on (1) the basic concepts regarding the creation of the universe; (2) composition of the human body; (3) drug composition and (4) the mechanism of drug action. described above are very important to the understanding and appreciation of the materia medica of ayurveda. At times, research workers, in their enthusiasm to develop the new drug from the plant sources, chemically and pharmacologically screen the drugs prescribed in the ayurvedic materia medica without paying any attention to these basic concepts and peculiar features of the system. They try to isolate alkaloids, glycosides and other similar active principles from these drugs. These so called active principles are often not found in some of these ayurvedic drugs and when they are found they do not necessarily produce the results which are attributed to the whole drug in the ayurvedic materia medica. No wonder, therefore, that the scientists are disappointed at the end of their hard labour and after considerable expenditure from the State exchequer. Sometimes they come to an erroneous conclusion that all ayurvedic drugs or at least most of them are therapeutically useless. This disappointment and wrong conclusion could be avoided if the research on ayurvedic drugs is planned and designed in the beginning, keeping in view these fundamental principles of ayurveda on drug composition and drug action.

In the present text on ayurvedic materia medica, only the single drugs—their synonyms and properties are described along with a few compound recipes, food articles and drinks. In actual ayurvedic practice, along with the single drugs, a number of compound preparations are used. These single drugs and compound preparations which are in use in ayurvedic therapeutics are not free from shortcomings.

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## Classification of Ayurvedic Drugs

In Ayurveda, more than 8000 medicines—single drugs and compound preparations—have been described. In general, these ayurvedic drugs can be classified into five categories as follows:

- (a) Scientifically Studied Drugs: Some single drugs and compound preparations, for example, sarpa gandhā and yogarāja guggulu have been studied scientifically and their therapeutic claims verified. Sarpa gandhā is useful for high blood pressure and yoga rāja guggulu for rheumatism. The gum resin of a plant called guggulu is the important ingredient of the latter medicine.
- (b) Popular Non-toxic Drugs: Some ayurvedic medicines are popular for their therapeutic utility and of non-toxic character. One such medicine is Cyavana prāśa. Āmalakī is the important ingredient of this medicine which is useful in treating chronic diseases of the lungs like chronic bronchitis.
- (c) Effective but Toxic Drugs: There are some drugs for example, bhallātaka avaleha, which have known therapeutic value but which also produce severe toxicity, if used injudiciously. Bhallātaka is the important ingredient of this medicine which is used in the treatment of chronic and obstinate skin diseases, among others.
- (d) Drugs of Rare Use: Some drugs, for example, Srī viṣṇu taila, though mentioned in ayurvedic classics, are not in extensive use. Only physicians of certain regions of India use them and claim their efficacy.
- (e) Hereditary and Patent Drugs: Some physicians have specialised in curing certain diseases. The formulae and methods of preparation of the drugs they administer are known only to them or to the trusted members of their family. While some of the drugs are not as effective as the claims made for them, some others are found to be very effective. In most cases, physicians are not at all willing to disclose the formulae; and even if they give consent, it is associated with a demand for heavy financial compensation.

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### Need For Standardization

In olden days, the physician was rarely required to be consulted for minor ailments because the senior members of every family were well acquainted with the use of herbs available in their vicinity for treating such ailments. The physician's role in such cases was only to guide the family members to obtain the correct herb, to process it properly and to instruct the patient about the dietetic and other regimen to be followed. Only serious cases were brought to the physician for direct supervision, and in such cases, he had to prepare his own medicines. Things have changed now. At present, the physician is approached even for a minor ailment. People generally are not interested in knowing common household remedies or they do not believe in their efficacy. Thus, ayurvedic physicians, like modern doctors, have become busy practitioners who are also hard pressed for time to prepare their own medicines. Even for dispensing, these physicians are dependant entirely upon their compounders. As a result, many big commercial firms supplying medicines to ayurvedic physicians have come into existence. This, in turn, has led to a number of problems as follows:

- (a) Collection of Premature Herbs: For therapeutic purposes different parts of medicinal plants are required to be used which are to be collected during specified periods. For example, āmalakī should be collected only when the fruits are fully ripe. Annual plants should be collected before the ripening of seeds, biennials during spring and perennials during autumn. Twigs must be of the first year's growth and roots, leaves and bark should be collected in the cold, hot and rainy seasons respectively. These instructions are seldom followed during the actual collection of herbs by large manufacturers of ayurvedic medicines.
- (b) Improper Processing and Preservation: Usually, raw drugs are stored for some time before they are processed. Proper care in processing and preservation is required so that the active principles of the drugs may not get deteriorated. Dumping them in bundles or in gunny bags, and keeping them exposed

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to sun, rain and dust, adversely affect their therapeutic effectiveness.

- (c) Methods of Preparation: Various methods are indicated in ayurvedic texts for the preparation of the same medicine. While some of the methods involve much time and labour, some others are less expensive. For reasons of economy, quite a few pharmacies follow the less expensive methods or develop some methods which make their products less expensive with no guarantee that the drugs so prepared are equally effective. According to ayurvedic texts, raw oil has to be processed before it is used for the preparation of medicated oil. This processing is known as mūrchanā. Pharmacies very rarely resort to this processing and in the absence of standard methods for testing these discrepancies in their drug preparation, the physicians cannot be sure about the effectiveness of the drugs they prescribe.
- (d) Use of Adulterated and Sub-standard Drugs: Therapeutically important drugs like vatsa nābha and yaṣṭi madhu are often adulterated and sold in the market at a comparatively cheaper price. In the absence of any effective control over the sale of adulterated and spurious drugs, the dealers take full advantage and sell to their customers anything that resembles, or is made to resemble the genuine drug. The art of adulteration and prepration of spurious drugs has advanced to such an extent that even the most experienced among the vaidyas finds it difficult to distinguish between genuine and spurious samples. Ayurvedic physicians as well as commercial firms are often cheated and supplied with adulterated stuff. This obviously results in the circulation of sub-standard drugs in the market:
- (e) Substitution of Costly Drugs: In some ayurvedic texts, of late, pratinidhi dravyas or official substitutes of many costly drugs have been prescribed; for example, kuṣṭha can be used in place of puṣkara mūla and gaja pippalī in the place of cavya. Instead of treating these usages as exceptional cases, the substitutes are often unscrupulously used as a rule (under the shelter of textual prescriptions) to make the medicinal preparations cheaper.

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(f) Omission of Ingredients: Generally speaking, compound preparations are used in ayurvedic medicines. It is often the total effect of all the ingredients in the formula rather than the action of individual drugs that plays a vital role in therapeutics. Drug combinations are envisaged to serve the following important purposes:

- (1) Synergistic action: Tṛṇa-pañca-mūla-kvātha presents a case of synergistic action. Even though all the ingredients of this group are known to be diuretics, still when given together, they produce marked diuresis which effect is not observed in individual drugs.
- (ii) Combined action: The case of Rāsnā-saptaka-kvātha used for the treatment of rheumatic afflictions is illustrative of the combined action of an ayurvedic medicine. For curing rheumatism, which is known in ayurveda as āma vāta, the medicine should have sedative, digestive, laxative and anti-inflammatory action. Of all the ingredients of this drug, rāsnā is anti-inflammatory and sedative, ginger promotes digestion, and the root of eraṇḍa is a laxative.
- (iii) Neutralizing toxicity: An example of this is the case of Agni tundi vati. Kupīlu is an irritant to the nerves. It cannot be taken alone in a heavy dose as is required to make it therapeutically effective. But it is well tolerated when taken in combination with other drugs, specially after undergoing śodhana.
- (iv) Specific Action: An example of this is the case of Cyavana prāśa. Pippalī added to this preparation has heating effect in addition to anti-tubercular property. The heating effect of the preparation is neutralized by the addition of other cooling drugs like āmalakī. Thus, the medicine is left with a marked anti-tubercular effect.

Keeping the above points in view, various formulae have been described for medicinal preparations in ayurvedic classics. Due to non-availability of drug ingredients or the expense involved, if any ingredient is accidentally or intentionally omitted from the preparation then not only is the efficacy reduced but adverse effects may also be produced at times.

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(g) Improper Storage: Different categories of ayurvedic preparations which remain effective for a certain limited period are described in the classics. If these drugs are kept for a longer period, they lose their potency. Large manufacturing concerns, however, cannot help neglect this rule; for, the drugs prepared cannot be consumed immediately but will have to be sent to their various branches. Hence, there is considerable lapse of time before the medicine is actually used by the patient.

### Identification of Raw Drugs

It is difficult to correctly identify certain drugs described in ayurvedic classics due to the following reasons:

- (a) Non-availability: Some drugs like Soma and Jīvaka are not available now a days. It is probable that they have become extinct.
- (b) Multiplicity of Names: In ayurvedic classics, drugs are often described with synonyms. Synonyms apart, the same drug is known by different names in different parts of the country. For example, Clitoria ternatea Linn. which is known in North India as aparā jitā, is called śaṁkha puṣpī in South India. But these two have distinct and different therapeutic attributes or characteristics.
- (c) Many Drugs with Same Name: Under the name of rāsnā, thirteen different drugs are being made use of in different parts of the country for medicinal preparations.
- (d) Non-availability of Specific Varieties: The drug harītakī is said to be of seven varieties. But presently, not more than four varieties are available. So is the case with other drugs like bhrigarāja and dūrvā.
- (e) Exotic Plants: Some plants, though introduced in India very recently, have grown profusely. Due to lack of proper knowledge, some of these plants have been given ayurvedic names which have led to their wrong identification.

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For example, Argemone mexicana Linn. is often mistaken for svarna-kṣirī.

- (f) Adulteration: Because of short supply, drugs, such as yaşţi-madhu, are often adulterated.
- (g) Synthetic Preparations: Taking advantage of the heavy demand from consumers of certain drugs, such as vamsa locana or bamboo salt, some firms have started manufacturing imitations and synthetic preparations the therapeutic efficacy of which is in no way comparable to that of the genuine drug.

### Difficulties for Identification

Most of the ayurvedic drugs can be identified conveniently. But there are some, which elude proper identification because of the following reasons:

- (a) Passage of Time: Ayurvedic classics were written about 3000 years ago. Some of the drugs described at that time may have undergone modifications due to physical and genetic factors and some others may have become extinct. Thus, identification of a drug from the physical characteristics mentioned in the ayurvedic texts or commentaries thereon is not an easy task. The plant soma, which is mentioned even in the Vedas, is described by Suśruta as having 15 leaves in total. On new moon day, the plant, becomes leafless and every day thereafter, one leaf is added to it till it has 15 leaves on full moon day. Its root is said to contain a large quantity of an exhilarating sweet juice. Plants of this description are not, however, to be seen now.
- (b) Inadequate Description: An important plant by name svarna-kṣirī is described as having golden latex and leaves like those of sārivā. This is said to grow in the Himalayas. This information is, however, very inadequate for identifying the plant correctly. Whether the contributors to the ayurvedic classics had a knowledge of systematic botany or not is a debatable point; but when these texts were compiled, there was no printing facility, so much so that brevity was always the rule in describing ayurvedic drugs.

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(c) Loss of Contact: In olden days, learning had to be done through guru-śiṣya paramparā, which meant that the disciple had to seek and obtain first-hand knowledge from teachers. But with the advent of foreign influence, this traditional way of learning has been given up. Due to the inadequacy of written texts and the absence of direct links to gain deeper knowledge of the ayurvedic classics, it became difficult for later authors to appreciate what has been originally stated in the classics; and this has resulted in incoherent views. Personal knowledge of drugs available in various surroundings has become so meagre that ayurvedic physicians are often required to seek guidance from cow-herds and forest dwellers-for the identification of such drugs.

- (d) Lack of Facility: Even the available knowledge is not properly codified. Descriptions of plants and animals are also available in texts allied to ayurveda, such as Smṛti śāstras and Dharma śāstras. They are required to be critically screened.
- (e) Observance of Secrecy: In the medieval period, in order to prevent the acquisition of ayurvedic knowledge by foreign-invaders and unscrupulous natives, names having more than one meaning and also with allegorical meanings have been used in the texts. Due to the rigidity observed in the selection of disciples, some authors died without training even a single-disciple and the knowledge acquired by them had thus been lost.
- (f) Short Supply: Some important raw drugs, such asmusk and bamboo salt, are in short supply. Hence, their prices are not only very high but spurious substitutes for themare also largely sold in the market.

# Procedure for Naming Formulae

The names of the drug formulations are usually based on the following six factors:

(a) Important Ingredient: Some preparations are named after the important ingredient, for example,  $\bar{A}malak\bar{\imath}$  rasāyana.

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(b) Authorship: The name of the sage or rsi who first discovered or patronized the formula is used in naming the drug, for example, Agastya harītakī.

- (c) Therapeutic Property: The disease for which the formula was indicated is at times used in naming the preparation, for example, Kustiaghna lepa.
- (d) First Ingredient of the Formula: The drug that heads the list in the formula is sometimes used in naming the preparation, for example, Pippalyāsava.
- (e) Quantity of Drug: At times, the preparation is named after the quantity of drug used, for example, Satpala ghrta.
- (f) Part of the Plant: The drug is at times named after the part of the plant used, for example, Daśa mūla kaṣāya.

### Multiplicity of Formulae

There are medicines having the same name but a number of different formulae, so much so that each differs from the other in composition, ratio of ingredients, method of preparation, mode of administration, mode of action, dosage and anupāna. Take, for example, khadurādi vaţi. It has as many as eight formulae. In this preparation, the number of ingredients varies from 5 to 37, and the percentage of the main ingredient, namely, khadira (catechu) varies from 15 to 92. In four out of the eight formulae, costly drugs like kasturī or musk are added, the percentage of musk varying from formula to formula. In one formula, poisonous drugs like bhallātaka and bākuci are added as they are considered to be effective in obstinate skin diseases including leprosy. Thus, standardization of such medicines, which must also take into account of these variations, poses a very difficult problem.

#### **Pharmaceutical Processes**

In ayurveda, different pharmaceutical processes are followed in the preparation of drugs. Besides helping isolation of the Lvi Materia Medicar

active fraction of the drugs, these processes help make the medicines:

- (a) easily administrable,
- (b) tasteful,
- (c) digestible and assimilable,
- (d) therapeutically more effective,
- (e) less toxic and more tolerable, and
- (f) more preservable.

### Sodhana or Purification

Some raw drugs are required to be used after Sodhana. The literal meaning of the word śodhana is purification. But this is often misinterpreted to mean that the substance is rendered physically and chemically pure. Sodhana, no doubt, brings about physical and chemical purity to some extent but at times more physical and chemical impurities are added to the substance during certain stages of this processing. By such additions, the drug becomes less toxic and therapeutically more effective. Pure aconite, for example, cannot be administered so freely as śodhita aconite. Aconite, which is a cardiac depressant, becomes a cardiac stimulant after śodhana with cow's urine. Thus, the actual implications of śodhana processes require detailed study.

Some gum resins, such as guggulu and some drugs containing volatile oils, such as kustha are also described to undergo sodhana by boiling them with milk, go-mūtra, etc. Boiling of, these drugs however, definitely reduces the volatile oil content which is supposed to be therapeutically very active. The utility of such purificatory processes should, therefore, be studied before proceeding with the standardization of ayurvedic drugs.

Ayurveda should not be viewed from the point of history of medicine alone. It is both history and medicine. No doubt, there is a history of thousands of years behind it, but it is even now a living medical system catering to the health needs of millions of people living in India, Śrī lańkā and Nepal

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including some of the Central Asian and South East Asian countries. There are several hundreds of trained and registered practitioners of ayurveda in these countries and people have implicit faith in the therapeutic efficacy of the drugs and therapies of this system. Like other medical systems it has, of course, its limitations. Advanced civilization and modernisation have not left ayurveda untouched Accidental human errors and intentional profit motives coupled with the vicissitudes of time have created several problems for this system of medicine. Therefore, the Ayurvedic drug that is found in the market may not carry the same therapeutic effect as is claimed for it in the avurvedic texts. The reasons for this are elaborated in the last eight topics of this 'Introduction' for the guidance of research workers, practitioners and well wishers of this system. The ayurvedic materia medica provides a rich storehouse of therapeutically effective drugs and these gems are to be selected with due care for mitigating the miseries of the suffering humanity."

> ग्रमन्त्रमक्षर नास्ति नास्ति मूलमनौषधम् । ग्रयोग्यः पुरुषो नास्ति योजकस्तत्र दुर्लभः ।

"There is no letter which is not a mantra (incantation); there is no root which is not a medicine and there is no human being who is not useful. Only their yojaka (co-ordinator) is a rare commodity."

### CHAPTER 1

भैषज्याहारचेष्टानां यो न वेन्ति गुणागुणं । न स वेन्ति भिषक् सम्यक् स्वस्थास्वस्थहिताहितम् ॥१॥ ग्रतः समस्तवस्तूनां गुणदोषविनिश्चयः । 1 ज्ञातक्यो यत्नतः सद्भिर्वेद्यैः परहितायिभः॥ २॥

A physician who is not acquainted with the good and bad effects of drugs, diet and regimens, does not correctly know the things which are useful and harmful for healthy persons and patients. Therefore, a good physician who desires the welfare of others, should carefully ascertain the good and bad qualities of all these things.

संक्षिप्तं ग्रंथमिच्छंति भिषजो विस्तरिद्धणः । संक्षिप्तोऽयमतः सूक्तः संप्रयुक्तो निगद्यते ॥ ३ ॥

Physicians generally do not like to go through details. They like books in condensed form. Therefore, this work is being composed in a condensed form by collecting useful material (from different sources).

वृद्धिं तुल्यगुणैभविविपरितगुणैः क्षयं । 2,3
यक्तैयान्ति हि सक्षेपाद्दोषाद्याः सर्वधातवः ॥ ४॥

In brief, all dhātus, doṣas etc., get increased in quantity by the utilization of homologous material (having similar properties). They get decreased by the utilization of material having opposite properties.

## द्रव्यगुणरत्नमालायाम्

द्रव्ये रसो गुणो वीर्य विपाकः शक्तिरेव च। संवेदनक्रमादेताः पञ्चावस्था प्रकीर्तिताः ॥ ५ ॥

## According to Dravyaguna Ratnamālā

Rasa (taste), guṇa (property), vīrya (potency), vipāka (taste that emerges after digestion) and śakti (specific action)—these are the five consecutively manifested states of matter.

क्वचिद्रसो गुणः क्वापि वीर्य विपाक एव च । क्वचित्प्रभावः स्वं कर्म द्रव्यस्थो विद्धाति हि ॥ ६॥

While being lodged inside the matter, sometimes the rasa, sometimes the guna, sometimes the virya, sometimes the vipāka and sometimes the prabhāva manifest their effects on the individual's body.

मधुरोऽम्लः पटुश्चैव कटुतिक्तकषायकाः । इत्येते षड्साः ख्याताः नानाद्रव्यसमाश्रिताः ॥ ७ ॥

#### Six Tastes

Madhura (sweet), amla (sour), paţu or lavana (saline), kaţu (pungent), tikta (bitter) and kaṣāya (astringent)—these are the six rasas (tastes) which are lodged in matter.

## मधुर रसगुणः

रसो मधुरक: शीतो धातूस्तन्यबलप्रद: ।

चक्षुष्यो वातिपत्तव्न कुर्यात्स्थौल्यमलकृमीन् ॥ व ॥

[भावप्रकाशः पूर्वेखण्डः वर्गप्रकरण ६:१७५]

बालबुद्ध क्षतक्षीणवर्णकेशेन्द्रियौजसाम्

प्रशस्तो बृंहणः कण्ठ्यः गुरुः सन्धानकृत्मतः ॥ ६ ॥

[म्रप्टाङ्गहृदय: सूत्र १० : ७-८]

विषघ्नो पिच्छिलश्चापि स्निग्धः प्रीत्यायपोहितः ।

#### Attributes of Sweet taste

Sweet taste is cooling, promoter of the growth of tissue elements (dhātus), lactation (stanya) and strength. It promotes eyesight (cakṣuṣya), alleviates vāyu and pitta, and causes obesity, excessive production of waste products (mala) and kṛmi (parasites). It is useful for children, old men and persons suffering from consumption and emaciation. It is also useful for complexion, hair, sense organ and ojas. It is nourishing and promoter of voice. It is heavy (guru) and it helps in uniting the broken or torn tissues (sandhānakṛt). It is anti-toxic, slimy (picchila) and unctuous (snigdha). It is conducive to pleasant feeling and longevity.

सोऽतियुक्तो ज्वरश्वासगलगण्डार्वुदकृमीन् । स्थौत्याग्निमान्द्यमेहांश्च कुर्यान्मेदःकफामयान् ॥ १० ॥

When used in excess, it causes jvara (fever) śvāsa (asthma), galaganda (goitre), arbuda (tumour), kṛmi (parasitic infestation), sthaulya (obesity), agnimāndya (suppression of digestive power), meha (obstinate urinary disorders including diabetes), and diseases caused by the vitiation of medas (adipose tissue) as well as kapha.

#### अथाम्ल:

रसोऽम्लः पाचनो रुच्यः पित्ताश्लेष्माप्रदो लघुः।

5
लेखनोष्णो वहिः शीतः क्लेदनः पवनापहः॥ ११॥

[भावप्रकाशः पूर्वेखण्डः वर्गप्रकरण ६:१७६-१८०]

स्निग्धस्तीक्ष्णः सरः शुक्रविबन्धानाहदृष्टिहा । हर्षणो रोमदन्तानामक्षिभ्रविनिकोचकः ॥ १२॥

#### Attributes of Sour Taste

Sour taste is carminative (pācana) and appetiser (rucya). It produces pitta and śleṣman. It is light, lekhana (which causes scraping), hot, vahiḥ śīta (cooling from outside) and kledana (promoter of stickiness). It alleviates vāyu. It is unctuous, sharp and sara (mobile). It reduces śukra (semen), vibandha (constipation), ānāha (tymphanitis) and eye sight. It causes horripilation and tingling sensation in teeth. It also causes twitchings in eyes and eyebrows.

सोऽतियुक्तो भ्रमं कुर्यात्तृड्दाहितिमिरज्वरान् । कण्डूपाण्डुत्विवस्फोटशोथवीसर्पकुष्ठकृत् ॥ १३॥

When used in excess, it causes bhrama (giddiness), trt (morbid thirst), dāha (burning sensation), timira (cataract), jvara (fever), kaṇḍū (itches), pāṇḍutva (anemia), visphota (postules), sotha (oedema), visarpa (erysipelas) and kuṣṭha (obstinate skin diseases including leprosy).

#### अथ लवण:

लवगः शोधनो रुच्यः पाचनः कफपित्तदः ।
पुंस्त्ववातहरः कायशैथिल्यमृदुताकरः ।। १४ ।।
बलच्न श्रास्यजलदः कपोलगलदाहकृत् ।

## Attributes of Saline taste.

Saline taste is śodhana (cleansing), rucya (appetiser) and

pācana (carminative). It produces kapha and pitta. It reduces virility (pumstva) and vāyu. It causes slothfulness (śaithilya) and softness (mrdutā) of the body. It reduces strength. It causes salivation and burning sensation in the cheek and throat.

कोपिलतखालित्यकुष्ठवीसर्पतृट्प्रदः ॥ १५ ॥
[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६: १८०-१८३]

When used in excess, it causes akṣipāka (conjunctivitis), asrapitta (bleeding from different parts of the body), kṣata (consumption), valī (premature wrinkling), palita (premature graying of hair), khālitya (baldness), kuṣṭha (obstinate skin diseases including leprosy), visarpa (erysipelas) and tṛṭ (morbid thirst).

## अथ कटु :

'कटुकः पित्तलः श्लेष्मकृमिकण्डूविषापहः । 7 शाग्नेयो वातलः स्तन्यमेदःस्थौल्यहरो लघुः' ।।१६ ।।
'श्रश्रुदो नासिकाक्ष्यास्यजिह्वाऽग्रोद्धे जको मतः ।
दीपनः पाचनो रुच्यो नासिकाशोषणः परम् ।। १७ ।।
क्लेदमेदोवसामज्जशकृन्मूत्रोपशोपणः ।
स्रोतःप्रकाशको रूक्षो मेध्यो वर्चीविबन्धकृत्' ।।१८ ।।
[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६: १८५-१८६]

## Attributes of Pungent taste

Pungent taste aggravates pitta and reduces kapha, kṛmi (parasitic infection), kanḍū (itching) and toxicity. It has properties of fire (agni) and it aggravates vāyu. It reduces stanya (lactation), medas (fat) and sthaulya (adiposity). It is light. It causes lacrimation and irritates nose, eyes, mouth and tip of the tongue. It is dīpana (stimulant of digestion), pācana (carminative) and rucya (appetiser). It causes dryness (śoṣaṇa) of the

nose. It depletes (śoṣaṇa) kleda (sticky substance in the body), medas (fat), vasā (muscle fat), majjā (bone marrow), śakṛt (feces) and mūtra (urine). It opens up the channels of circulation. It is ununctuous (rukṣa). It promotes intellect (medhya). It produces more of feces and constipation.

कण्ठादिपीडामूच्छातृट्कंपदो बलशुक्र [हृत्] ॥१६॥

When used in excess, it causes giddiness, dryness of mouth, lips and palate and diarrhoea. It also causes pain in throat etc., mūrchā (fainting), tṛṭ (morbid thirst) and kampa (shivering). It reduces strength and semen.

### अथ तिक्त :

तिक्तः शीतस्तृषाम् छाँज्वरिपक्तकफान् जयेत् ।
10
किमकुष्ठिविषोत्कलेशदाहरक्त [गदा] पहः ॥ २० ॥
रुच्यः स्वयमरोचिष्णुः कण्ठस्तन्यास्यशोधनः ।
वातलोऽग्निकरो नासाशोषणो रूक्षणो लघुः ॥ २१॥

## Attributes of Bitter taste

Bitter taste is cooling and it cures morbid thirst, fainting and fever. It alleviates pitta and kapha. It cures kṛmi (parasitic infection), kuṣṭha (obstinate skin diseases including leprosy), viṣa (poisoning), utkleśa (nausea), dāha (burning sensation) and diseases caused by the vitia\*ion of blood. Even though bitter taste itself is not relishing it is an appetiser. It cleanses the throat, lactation and mouth. It aggravates vāyu and stimulates agni (enzymes responsible for digestion and metabolism). It dries up the nose. It is ununctuous and light.

सोऽतियुक्तः शिरःशूलमन्यास्तम्भश्रमातिकृत् ।
कम्पमूच्छितृषाकारी बलशुक्रक्षयप्रदः ।। २२ ।।
[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६ : १८८-१६१]

When used in excess, it causes *śiraḥ śūla* (headache), manyāstambha (torticolis), śrama (exhaustion), artī (pain), kampa (tremor), mūrchā (fainting) and tṛṣā (morbid thirst). It reduces strength and semen.

#### अथ कषाय:

कषायो रोपणो ग्राही शोषणो वातकोपनः । जिह्वाजाड्यकरः कण्ठस्रोतसां च विबन्धकृत् ।

## Attributes of Astringent taste

Astringent taste is healing (ropaṇa), constipative ( $gr\bar{a}h\bar{i}$ ) and drying (soṣaṇa). It aggravates  $v\bar{a}yu$ . It causes sluggishness in the movement of the tongue and it obstructs the throat as well as the channels of circulation. It causes constipation.

'सोऽतियुक्तो ग्रहाध्मानहृत्पीडाक्षेपणादिकृत्' ॥ २३ ॥ [भावप्रकाशः पूर्वग्वण्ड. वर्गप्रकरण ६: १६४]

When used in excess it causes graha (obstruction), ādhmāna (tymphanitis), hṛtpiḍā (pain in cardiac region), ākṣepaṇa (convulsions) etc.

# अथ तत्रैवविशेषा :

मधुरं क्लेष्मलं सर्वमृते वालेः पुरातनात् । 'मुद्गगोधूमतःक्षौद्रात्सिताया जाङ्गलामिषात् ॥ २४॥ [भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६: १६५]

## **Exceptions**

All sweet things aggravate kapha except old śāli rice, mudga (Phaseolus mungo Linn.), wheat, honey, sugar and meat of animals of jāngala type.

स्रम्लं पित्तकरं प्रायो विना धात्रीं च दाडिमात्। लवणं प्रायशो द्वेषी नेत्रयो: सैन्धवं विना ॥ २५ ॥ 8 Materia Medica

प्रायः कटु तथा तिक्तमवृष्यं वातकोपनम् । शुण्ठीकृष्णारसोनानि पटोलममृतां विना । प्रायशस्तम्भनं प्रोक्त कषायमभयां विना ॥ २६ ॥

All sour things aggravate pitta except dhātrī and dāḍima. Generally saline things afflict eyesight; but rock salt (saindhava) is an exception to it. Generally pungent and bitter things are not aphrodisiac and they aggravate vāyu. Sunṭhī, kṛṣnā, rasona, paṭola and amṛtā are, however, exceptions. All astringent things are generally stambhana (constipative); but abhayā is an exception to this rule.

सामान्येनात्र निर्दिष्टा गुणाः षड्रससंभवाः।
11
रसानां योगजेऽपि स्यादन्य एव गुणोदयः ॥ २७॥

In the above, properties of drugs having six tastes are described in general. Combination of various tastes, however, produces new properties which were non-existent in the original tastes.

सयोगाद्विषतां याति सममाज्येन माक्षिकम् । श्रमृतत्वं विषं याति सर्पदेष्टस्य वै यथा ॥ २८ ॥ [भावप्रकाश: पूर्वेखण्डः वर्गप्रकरण ६ : १६६—२००]

At times the combination of certain drugs produces poisonous effects; for example, ghee and honey in equal quantities. Even a poison at times works like ambrosia; for example, administration of poisonous drugs to a person afflicted by snake bite.

# अथ गुणानां गुणाः

लघुपथ्य पर प्रोक्तं कफघ्नं शीघ्रपाकि च । गुरुवातहरं पुष्टिः श्लेष्मकृत् चिरपाकि च ॥ २६ ॥

## Actions of various gunas (attributes)

Things which are laghu (light) are wholesome. They

alleviate kapha and get digested immediately. Things that are guru (heavy) alleviate vāta. They cause nourishment and aggravate kapha. They take a long time for digestion.

स्निग्धं कफकर वातहरं वृष्यं बलप्रदम् ।

रूक्षं परं कफहरं समीरणकरं मतम् ।

तीक्षणं पित्तकरं प्रायो लेखनं कफवातहृत् ।। ३० ॥

[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६: २०२—२०४]

Snigdha (unctuous) things aggravate kapha and alleviate vāta. They are aphrodisiac and they promote strength. Rukṣa (ununctuous) things alleviate kapha and aggravate vāyu. Things that are tīkṣṇa (sharp) aggravate pitta and they are generally lekhana (having scraping property). They alleviate kapha and vāta.

# अथ वीर्यम् :

वीर्यमुब्ण तथा शीतं प्रायशो द्रव्यसंमतम् । यत्सर्वमग्निषोमीयं दृश्यते भुवनत्रये ।। ३१॥

# Vīrya (Potency)

Vīrya (potency) is of two categories viz., uṣṇa (hot) and sīta (cold). They are inherent in matter. They represent the agni and soma principles of the three worlds.

# अथ-तद्गुण:

उष्णं वातकको हन्यात्पित्तं तु तनुते तराम् । शीतं वातकफातङ्कान्कुरुते पित्तहृत्परम् ॥ ३२॥ [भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६: २३८—२३६]

### Their attributes

Those having usna (hot) potency alleviate vata and kapha and they aggravate pitta.

Those having *sīta* (cooling) potency cause diseases of vāyu and kapha; but they alleviate pitta.

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### अथ विपाक:

12 स्वादुः पटुश्च मधुरमम्लोम्ल पच्यते रसः।
[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६: २४२]

कटुतिक्तकषायाणां पाकः स्यात्प्रायशः कटुः ॥ ३३ ॥ [चरक: सूत्र २६: ५८]

# Vipāka (Taste that emerges after digestion)

The *vipāka* of sweet and salme things is *madhura* (sweet) and sour things have *amla* (sour) *vipāka*. The *vipāka* of pungent, bitter and astringent things is generally *kaţu* (pungent).

# अथ विपाकानां गुणाः

इलेब्मकृन्मधुरः पाको वातिपत्तहरो मतः । अम्लस्तु कुरुते पित्त वातइलेब्मगदापहः । कटु: करोति पवन कफं पित्त च नाशयेत् ॥ ३४ ॥ [भावप्रकाशः पूर्वसण्डः वर्गप्रकरण ६: २४३ — २४४]

# Attributes of Vipākas

Things having madhura (sweet) vipāka aggravate kapha and alleviate vāta and pitta. Those having amla (sour) vipāka aggravate pitta and alleviate diseases of vāyu and kapha. Kaṭu (pungent) vipāka aggravates vāyu but alleviates kapha and pitta (?).

#### अथ प्रभाव:

प्रभावस्तु यथा धात्री लकुचस्य रसादिभिः ।
समोऽपि कुरुते दोषत्रितयस्य विनाशनम् ॥ ३५ ॥
[भावप्रकाशः पूर्वसण्डः वर्गप्रकरणः६ : २४६—२४७]

## Prabhāva or specific action

The examples of prabhāva are dhātrī and lakuca. They have similar rasa (taste) etc. But the former alleviates all the three doṣas whereas the latter does not.

13 ववचित्तु केवलं द्रव्यं कर्म कुर्यात् प्रभावतः। ज्वरं हन्ति शिरोबद्धा सहदेवीजटा यथाः।। ३६॥ [भावप्रकाशः पूर्वखण्डः वर्गप्रकरण ६: २४८]

At times the *dravya* (matter) itself produces action by its *prabhāva*. For example, the root of *sahadevī* cures fever when tied into the head (hair).

### NOTES AND REFERENCES

This is the eighth chapter of Ayurveda Saukhyam in Todarananda and the invocation reads as follows:

गोपांगनाप्रांगणभूमिभागे शनैरगच्छत्सुनिगृह्यधात्रीं। पायान्नृपं टंडणवंशजातं पदद्वयं यः कृतवान् स्वसुष्टेः।

- 1. परिहिताय वै इति षष्ठ पुस्तके पाठ :
- 2. द्रष्टव्यम् चरकः सूत्र ४४-५४।
- "ग्रौषधीषु सकल द्रववर्ग-धान्य-मांस-फल-शाक-रसाश्च । कृत्यमन्नमनुपानकं युक्तंभाव-भावरचनाक्रमएषः" ।।

पाठोऽय भ्रादर्शपुस्तकेषु ग्रधिकमुपलम्यते ।

- 4. मधूरो हि रसः इति स्राकरे पाठः।
- 5. लेखितोष्णो इति ग्राकरे पाठः।
- 6. पित्तकोठक्षतादिकृत् इति स्राकरे पाठः ।
- 7. द्रष्टव्यम् भावप्रकाशः पूर्वेखण्डः वर्गप्रकरण ६ : १८४।
- भ्रान्तिदाहम्खताल्वोष्ठशोधकृत् इति स्राकरे पाठ. ।
- 9. बलशुक्रकृत् इति द्वितीयपुस्तके पाठ:
- 10. विषापहः इति द्वितीयपुस्तके पाठः ।
- 11. योगतस्तु इति ग्राकरे पाठः ।
- 12. मिष्टः इति श्राकरे पाठः
- 13. कुर्यात्प्रधानतः इति षष्ठपुस्तके पाठः।

### **CHAPTER 2**

1 हरस्य भवने जाता हरिता च स्वभावतः । हरते सर्वरोगांश्च तेन प्रोक्ता **हरीतकी** ।।

# Harītakī (Terminalia chebula Retz.)

It is called harītakī because of the following:

- (1) it grows in the abode of Hara (Lord Siva) i.e. in the Himalayas;
- (2) it is green (harita) by nature;
- (3) it cures (harate) all diseases;

जीवन्ती जीवनो योगान् पावनात्पूतना मता ।
सुधावदमृता ज्ञेया विजया विजयप्रदा ॥ २ ॥
नृणामभयदा यस्मादभया तत्प्रकीर्तिता ।
रोहिणी तु गुणरोहाच्चेतनाच्चेतकी मता ॥ ३ ॥

The names of different varieties of harītakī have the following significance;

- (a) Jivanti because it promotes life (jīvana);
- (b) Pūtanā because it purifies (pāvana);
- (c) Amrtā because it is like ambrosia (amrta);
- (d) Vijayā because it endows the user with victory (vijaya);
- (e) Abhayā because it takes away fear (bhaya);
- (f) Rohiņī because it promotes (rohāt) the attributes (guņas);
- (g) Cetakī because it promotes consciousness (cetanā).

जीवन्ती स्वर्णवर्णामा पूतनास्थिमती मता।

प्रमृता त्रिदला प्रोक्ता विजया तुबरूपिणी।। ४।।

पंचागी त्वभया ज्ञया मता वृत्ता तु रोहिणी।

उ .

त्र्यंगी तु चेतकी ज्ञेया कर्म तासामिहोच्यते।। ५।।

Different varieties of  $har\bar{\imath}tak\bar{\imath}$  have the following characteristics:

- (a) Jīvantī is golden in colour;
- (b) Pūtanā has a bigger stone;
- (c) Amṛtā has three dalas (pieces or fruits in a bunch)
- (d) Vijayā is like a tumbī;
- (e) Abhayā has five angas (pieces);
- (f) Rohiņī is round in shape,
- (g) Cetakī has three angas (pieces),

सर्वरोगेषु जीवन्ती प्रलेपे पूतना मता।

गुद्ध्यर्थममृता ज्ञेया विजया सर्वरोगहृत्।। ६।।

ग्रस्थरोगेऽभया प्रोक्ता रोहिणी व्रणरोहिणी।

चेतकी चूर्णयोगे स्यात्सप्तधाऽत्र प्रकीर्तिता।। ७।।

Properties of different varieties of harītakī are as below:

- (a) Jīvantī is useful in all diseases;
- (b) Pūtanā is useful in external application;
- (c) Amrtā is useful in cleansing the body;
- (d) Vijayā cures all diseases;
- (e) Abhayā is useful in the diseases of bones;
- (f) Rohini helps in the healing of ulcers;
- (g) Cetakī is useful in potions used in the form of powder.

These are the seven varieties of harītakī.

'हरीतकी पञ्चरसाऽलवणा तुवरोत्कटा । रूक्षोष्णा दीपनी मेध्या स्वदुपाका रसायनी ।। द ।। 5 सरा बृद्धिप्रदाऽऽमूष्या चक्ष्ष्या बृंहणी लघु: ।

#### Attributes

Harītakī has five tastes. It does not possess saline taste. It is extremely astringent. It is ununctuous, hot, dīpana (digestive stimulant), medhya (promoter of memory), svādu pāka (sweet in vipāka), rasāyana (rejuvenating), sara (laxative), buddhi prada (promoter of intellect), āyuṣya (promoter of longevity), cakṣuṣya (promoter of eye sight), bṛmhaṇa (nouriṣḥing) and laghu (light),

श्वास-कास-प्रमेहार्शः कुष्ठ-शोथोदरकृमीन् ॥ ६ ॥ 6 वैस्वर्यग्रहणीदोषविबन्धविषमज्वरान् गुल्माध्मानव्रणच्छिदिहिक्काकण्डूहृदामय।न् कामलां श्लमानाहं प्लीहानञ्चापि कर्षति'।। १०॥

[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण २ : १६-२२]

It cures śvāsa (asthma), kāsa (coughing), prameha (obstinate urinary disorders including diabetes), arśas (piles), kustha (obstinate skin diseases including leprosy), śotha (oedema), udara (obstinate abdominal diseases including ascitis), kṛmi (parasitic infections), vaisvarya (hoarseness of voice), grahanī dosa (sprue syndrome), vibandha (constipation), vișamajvara (malarial fever), gulma (phantom tumour), ādhmāna (tymphanitis), vraņa (ulcer), chardi (vomiting), hikkā (hiccup), kaņdū (itching), hrdāmaya (heart disease), kāmalā (jaundice), śula (colic pain), ānāha (wind formation in stomach) and plihā (splenic disorder).

> ग्रम्लत्वाद्वातशमनी पित्तघ्ना स्वाद्तिक्ततः। कटोः कषायात्कफहृत् त्रिदोषघ्नी हरीतकी ॥

Because of sour taste it alleviates vāyu; because of sweet and bitter tastes it alleviates pitta and because of pungent and astringent tastes it alleviates kapha. Thus, harītakī alleviates all the three dosas.

> मज्जाश्रितं तू मधूरं ग्रम्लं स्नाय्वास्थिसंश्रितम्। त्वगाश्रितं तु कट्कं तिक्तं वन्ताश्रितं मतम् ॥ १२ ॥ कषाय तु रसमाहुर्मनीषिणः । ग्रस्थ्याश्रित

Tastes predominant in different parts of harītakī are as follows:

- (1) Sweet taste in majjā or pulp;
- (2) Sour taste in fibres and stone,

- (3) Pungent taste in skin;
- (4) Bitter taste in stalk;
- (5) Astringent taste in stone.

नवा स्निग्धा धना वृत्ता गुर्वी क्षिप्ता च याम्भिस ॥ १३ ॥ [भावप्रकाशः पूर्वेखण्डः वर्गप्रकरण २ :२ - ]

निमज्जेत्सा प्रशस्ता स्यात्कथितातिगुणप्रदा ।

### Characteristics of good quality

Harītakī which is fresh, unctuous, compact, round and heavy is the best. When put in water it should sink. This type of harītakī is extremely useful and therapeutically very effective.

चर्विता वर्धयत्यग्निं पेषिता मलशोधिनी ।
10
स्विन्ना संग्राहिणी प्रोक्ता भृष्टा पथ्या त्रिदोषनुत् ॥१४॥
भावप्रकाशः पूर्वेखण्डः वर्गप्रकरण २ : २८, ३०]

# Different ways of Using

Used in different ways it produces the following effects:

- (1) when taken by chewing it promotes digestive power;
- (2) when used in paste form it cleanses the bowels;
- (3) when used by steam boiling it is constipative;
- (4) when used after frying it alleviates all the three dosas.

ग्रीष्मे तुल्यगुडां सुसैन्धवयुतां मेघावनद्धेऽम्बरे । तुल्या शर्करया शरद्यमलया शुण्ठ्या तुषारागमे ।।१५॥ पिप्पल्या शिशिरे वसन्तसमये क्षौद्रेण संयोजिताम् । राजन्प्राप्य हरीतकीमिवक्जो नश्यन्तु ते शत्रवः ।।१६॥

#### Use in different seasons

In different seasons harītakī should be used as follows:

- (1) In summer it should be used with equal quantity of guda;
- (2) In rainy season it is to be used with adequate quantity of saindhava;
- (3) In autumn season it is to be used with equal quantity of purified sugar;
- (4) In the beginning of winter it is to be used with sunthī.
- (5) In the later part of winter it is to be used with pippalī.
- (6) In the spring season it should be mixed with honey and then used.

O! King, let your enemies be destroyed as diseases get destroyed by the use of harītakī in the above mentioned manner.

लवणेन कफं हन्ति पित्तं हन्ति सशर्करा। घृतेन वातजान् रोगान्सर्वरोगान्गुडान्विता ॥ १७ ॥

### Usage for different doșas

It alleviates kapha when taken with salt. Pitta is alleviated when it is taken with sugar. When taken with ghee it cures all diseases caused by vāyu. Taken with guḍa, harītakī cures all types of diseases.

अध्वातिखिन्नः परिहीनतेजा रूक्षः क्रशो लघनकिषतश्च । पित्ताधिको गर्भवती च नारी विमुक्तसन्वस्त्वभया न सेवेत् ॥१८॥

#### Contra-indications

Harītakī should not be used by persons who are extremely exhausted by travelling, who have lost the lustre of their body, who have ununctuous skin, who are emaciated, whose body is dried up by fasting, whose pitta is aggravated, ladies who are pregnant and those who have lost their will power.

बिभीतकं स्वादुपाकं कषायं कफिप्तिनुत् । उष्णवीर्यं हिमस्पर्शं भेदनं कासनाशनम् ॥ १६ ॥ 11 रूक्षं नेत्रहितं केश्यं जंतुवैस्वर्यनाशनम् ।

#### Bibhītakī (Terminalia belerica Roxb.)

Bibhītakī is sweet in vipāka. It is astringent in taste. It alleviates kapha and pitta. It is hot in potency. It is cooling in touch. It is bhedana (purgative), kāsa nāśana (cures coughing), rūkṣa (ununctuous), netrahita (useful for eyesight) and keśya (useful for hair). It cures parasitic infections and impaired voice.

बिभीतमज्जातृट्छिर्दिकफवातहरो लघुः ॥ २०॥ [भावप्रकाशः पूर्वखण्डः वर्गप्रकरण २: ३७-३८]

The seed pulp of bibhītaka cures trţ (morbid thirst), chardi (vomiting) and diseases caused by kapha and vāta. It is light.

12 कषायो मदक्वतस्वादुर्धात्रीमज्जापि तद्गुणः ।

Amalakī (Emblica officinalis Gaertn.)

The seed pulp of āmalakī has the same property as that of bibhītakī. It is intoxicating and sweet.

हरीतकीसमं **धात्रीफलं** किन्तु विशेषतः ॥ २१ ॥ रक्तपित्तप्रमेहघ्नं परं कृष्यं रसायनम् ।

The fruit of dhātrī is similar to harītakī in its properties. It has, however, some specific properties. It cures raktapitta (a disease characterised by bleeding from different parts of the body) and prameha (obstinate urinary disorders including diabetes). It is exceedingly aphrodisiac and rejuvenating.

हन्ति वातं तदम्लत्वात्पित्तं माधुर्यशैत्यतः ।
13
कफं रूक्षकषायत्वात्फलं धात्र्यास्त्रिदोषजित् ॥ २२ ॥
[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण २ : २८, ४०-४१]

It alleviates vāta because of its sour taste. Because of its sweet taste and cooling effect it alleviates pitta. Kapha is alleviated by its ununctuousness and astringent taste. The fruit of dhātrī alleviate all the three doṣas.

कुर्यापित्तं तदम्लत्वात्कफं माधुर्यशैत्यतः । वातं रूक्षकषायत्वादेवं कि न विपर्ययः ॥ २३॥

It should aggravate pitta by its sour taste. By its sweet taste and cooling effect kapha should get aggravated. Its ununctuousness and astringent taste should aggravate  $v\bar{a}yu$ . Why does it not happen?

धात्र्यास्त्रिदोषहंतृत्वं शक्त्यैव मुिनिभः स्मृतम् । संभावनावशादुक्ता रसादेग्पि हेतुता ॥ २४॥

According to sages this property of dhātrī to alleviate all the three doṣas is because of its prabhāva (specific action). This property has been explained on the basis of its rasa etc., because of the existence of such a possibility.

यस्य यस्य फलस्येह वीर्यं भवति यादृशम् । तस्य तस्यैव वीर्येण मज्जानमपि निर्दिशेत् ॥ २५ ॥ [सुश्रुतः सूत्र ४६ : २०८]

The potency  $(v\bar{\imath}rya)$  of the pulp of the seed will be the same as that of its fruit. This rule is applicable to all plants.

ग्रभयैका योजनीया द्वावेव तु बिभीतकौ । 14 धात्रीफलानि चत्वारि त्रिफलेयं प्रकीर्तिता'' ।।२६॥

Triphalā

One fruit of abhayā, two fruits of bibhītakī and four fruits of āmalakī—taken together these are called triphalā.

''शिवा पंचरसायुष्या चक्षुष्याऽलवणा सरा । मेध्योष्णा दीपनी दोष-शोथ-कुष्ठ-व्रणापहा ॥ २७ ॥

Sivā has five tastes. It is āyuṣya (promoter of longevity), cakṣuṣya (promoter of eyesight), alavana (free from saline taste), sara (laxative), medhya (promoter of intellect), uṣṇa (hot) and dīpana (stimulant of digestion). It alleviates doṣas, śotha (oedema), kuṣṭha (obstinate skin diseases including leprosy) and vrana (ulcer).

तद्वद्वात्री विशेषेण वृष्या शीतैव वीर्यंतः ।

Dhātrī has similar properties. It has, however, some specific properties inasmuch as it is aphrodisiac and it is sīta (cooling) in potency.

'भेदनं कटुरुक्षोष्ण वैस्वर्यकृमिनाशनम् । 15 चक्षुष्यं स्वादुपाक्यक्षं कषायं कफिपत्तनुत्'।। २८।। [सुश्रुत: सूत्र ४६: २००]

Akṣa is purgative, purgent, ununctuous and hot. It cures hoarseness of voice and parasitic infection. It promotes eyesight. It is sweet in  $vip\bar{a}ka$  and astringent in taste. It alleviates kapha and pitta.

'त्रिफला कफिपत्तध्नो मेह-कुष्ठ-विनाशिनी।

17
चक्षुष्या दीपनी रुच्या विषमज्वरनाशिनी'।। २६।।

[भावप्रकाशः पूर्वखण्डः वर्गप्रकरण २ : ४४]

Triphalā alleviates kapha and pitta. It cures meha (obstinate urinary disorders) and kuṣṭha (obstinate skin diseases including leprosy). It is cakṣuṣya (promoter of eyesight), dīpana (digestive stimulant) and rucya (appetiser). It cures viṣama jvara (malarial fever).

कफपित्तहरा रूक्षा मधुरा मृदुरेचनी । वातकृत्कदुका पाके कषाया त्रिवृताऽसिता ॥ ३०॥

### Trivit (Operculina turpethum Silva Manso)

The black variety of trivrt alleviates kapha and pitta,

rukṣa (ununctuous), madhura (sweet), mṛdu recana (laxative), vātakṛt (aggravator of vāta), kaṭu pāka (pungent in vipāka) and astringent in taste.

तस्मादल्पातरगुणा विज्ञेया त्रिवृताऽरुणा ।

The reddish (aruna) variety of trivet is slightly inferior in quality.

ज्वरहृद्रोगवातासृगुदावत्तीदि—रोगिपु ॥ ३१॥ राजवक्षोऽधिकं पथ्यो मृद्रमंधूरशीतलः ।

Rājavrkṣa (Cassia fistula Linn.)

For patients suffering from jvara (fever), hrdroga (heart disease), vātāsṛk (gout) and udāvarta (upward movement of wind in abdomen), rājavṛkṣa is extremely wholesome. It is mṛdu (soft), sweet and cooling.

तत्फलं मधुरं बल्यं वातिषत्तामहृत्सरं ॥ ३२॥ पीतं तोयेन निन्निशेद्गुध्रसीं प्रबलामि ।

Its fruit is sweet and strength promoting. It reduces  $v\bar{a}ta$ , pitta and  $\bar{a}ma$ . It is laxative. When taken with water it cures even the severe type of  $grdhras\bar{i}$  (sciatica).

कटुकाह्वा सरा रूक्षा कफिपत्तज्वरापहा ॥ ३३ ॥

Katukā (Picrorhiza kurroa Royle ex Benth.)

 $Katuk\bar{a}$  is laxative and ununctuous. It alleviates kapha, pitta and fever.

त्रायन्ती कफपित्तास्रगुल्मज्वरहरी सरा ।

Trāyantī (Gentiana kurroo Royle)

Trāyantī cures vitiated kapha, pitta and blood (phantom tumour) and fever. It is laxative.

19 20 कफपित्तास्रह्कर्छोदींवषध्नी तिक्तवल्कली ॥

Tikta valkalī

Tikta valkalī alleviates vitiated kapha, pitta and blood, pain, chardı (vomiting) and vişa (poisoning).

यासः सरो ज्वर-छर्दि-श्लेष्म-पित्त-विसर्पनुत्।

#### Yāsa (Alhagī pseudalhagi Desv.)

Yāsa is laxative. It cures fever, vomiting, aggravated kapha and pitta and visarpa (erysipelas).

भूधात्री वातकृत्तिक्ता कषाया मधुरा हिमा ॥ ३५ ॥

विपासा कास-वित्तास्त्र-कफ-पाण्डु-क्षयापहा ।

#### Bhūdhātrī (Phyllanthus niruri Linn.)

Bhūdhātrī aggravates vāyu. It is bitter, astringent and sweet in taste. It is cooling. It cures pipāsā (morbid thirst), kāsa (coughing), pittāsra (a disease characterised by bleeding from different parts of the body), vitiated kapha, pāṇḍu (anemia) and kṣaya (consumption).

खदिरः कुष्ठवीसर्पमेहपित्तविषापह ॥ ३६॥

#### Khadira (Acacia catechu Willd.)

Khadira cures kuṣṭha (obstinate skin diseases including leprosy), visarpa (erysipelas), meha (obstinate urinary disorders including diabetes), aggravated pitta and viṣa (poisoning).

भूनिबो वातलो रूक्षः कफपित्तज्वरापहः ।

### Bhūnimba (Swertia chirata Buch.—Ham.)

Bhūnimba aggravates vāyu. It is ununctuous and it alleviates aggravated kapha and pitta as well as fever.

निबः पित्तकफच्छर्दिवृणह्ल्लासकुष्ठनुत् ॥ ३७ ॥ 21 "शीतो ग्राह्मग्निकृत्कासज्वरतृट्कृमिमेहजित् ।

#### Nimba (Azadirachta indica A. Juss.)

Nimba cures aggravated pitta and kapha, chardi (vomiting), vraṇa (ulcer), hṛllāsa (nausea) and kuṣṭha (obstinate skin diseases including leprosy). It is cooling, constipative and

digestive stimulant. It cures kāsa (coughing), jvara (fever), trṭ (morbid thirst), kṛmi (parasitic infection) and meha (obstinate urinary disorders including diabetes).

22 निम्बपत्रं तु चक्षुष्यं कृमिपित्तविषप्रणुत्" ॥ ३८ ॥

Leaf of nimba promotes eye sight. It cures kṛmi (parasitic infection), aggravated pitta and viṣa (poisoning).

23 तत्फलं भेदनं स्निग्धमुष्ण कुष्ठहर लघु ।

Fruit of *nimba* is purgative, unctuous and hot. It cures kuṣṭha (obstinate skin diseases including leprosy). It is light.

महानिबः परं ग्राही कषायो रूक्षशीतलः ॥ ३६॥

Mahā nimba (Melia azedarach Linn.)

Mahā nimba is exceedingly constipative, astringent, ununctuous and cooling.

पर्पटः पित्ततृट्दाहज्बरहृत् श्लेष्मशोषणः ।

Parpața (Fumaria parviflora Lam.)

Parpața cures aggravated pitta, trt (morbid thirst), dāha (burning syndrome) and jvara (fever). It dries up kapha.

थ पाठातीसारज्ञूलघ्नी कफपित्तज्वरापहा ॥ ४०॥

Pāṭhā (Cissampelos pareira Linn.)

Pāṭhā cures atisāra (diarrhoea), śūla (colic pain), aggravated kapha and pitta and jvara (fever).

25
"द्विविधः कुटजो ज्ञेयः पुस्त्रीभेदेन तद्विदा ।
बृहत्फलः श्वेतपुष्पः स्निग्धो दीर्घच्छदः पुमान् ॥ ४१ ॥
तथातिरक्तवहलत्वचः प्रोक्तो विशारदैः ।

Kuţaja (Holarrhena antidysenterica Wall.)

According to scholars, kuţaja is of two types viz., male

and female. The male variety has bigger fruits, white flowers and unctuous as well as long leaves. Its bark is exceedingly red and thick.

अणुफला वृत्तपुष्पा पुष्पैः श्यावारुणैयुँता ॥ ४२ ॥ धवलत्वक् भवेद्यासौ विज्ञेया स्त्री न संशयः ।

If the fruits are small, flowers are round in shape and grayish red in colour and bark is white, then this is undoubtedly the female variety of *kuṭaja*.

कुटजः पुरुषो ग्राही रक्तिपत्तातिसारनुत् ॥ ४३ ॥ वातच्नो प्रदरे योज्यो ततो हीनगुणाऽपरा।

The male variety of *kuṭaja* is constipative and it alleviates *raktapitta* (a disease characterised by bleeding from different parts of the body) and *atisāra* (diarrhoea). It alleviates *vāyu* and is useful in *pradara* (menorrhagia and other allied gynaecological disorders).

The female variety is inferior in quality.

फलाच्च पुष्पतो ज्ञेया इति पाराशरोऽत्रवीत् ॥ ४४ ॥

According to the sage *Parāśara*; these varieties of *kuṭaja* should be determined from the characteristics of their fruits and flowers.

28 'कुटजः कफपित्तासृक् त्वग्दोषार्झोऽतिसारजित् ।'

Kuţaja alleviates vitiated kapha, pitta and rakta. It cures tvagdoṣa (skin diseases), arśas (piles) and atisāra (diarrhoea).

तद्भीजं रक्तिपत्तातिसारज्वरहरं हिमम्।। ४५।।

Its seed cures raktapitta (a disease characterised by bleeding from different parts of the body), atisāra (diarrhoea) and jvara (fever). It is cooling.

ह्नीवेरं छर्दिहुल्लासतृष्णातीसारनाशनम् ।

Hrīvera (Coleus vettiveroides K. C. Jacob.)

Hrīvera cures chardi (vomiting), hṛllāsa (nausea), ṛṣṇā (morbid thirst) and atisāra (diarrhoea).

कफघ्नं कटुकं तिक्तं मुस्त संग्राहिपाचनम्।

Mustā (Cyperus rotundus Linn.)

Mustā alleviates kapha. It is pungent and bitter in taste, samgrāhi (constipative) and pācana (carminative).

दोषष्नं पाचनं ग्राहि तिक्तं **चातिविवा**ह्वयम् ।। ४६ ॥

Ativișā (Aconitum heterophyllum Wall.)

Ativiş $\tilde{a}$  alleviates doşas. It is carminative, constipative and bitter.

संग्राही कफवातघ्नं **बिल्वं** दीपनपाचनं ।

बालं, वृद्धं त्रिदोषाय दुर्जरं पूतिमारुतं ॥ ४७ ॥

Bilva (Aegle marmelos Corr.)

Unripe and immature fruit of bilva is constipative. It alleviates kapha and vāta. It is a digestive stimulant and carminative.

Ripe and matured fruit of bilva aggravates all the three dosas. It is difficult of digestion and produces foul smelling wind.

कफवातामशूलर्घ्ना ग्राहिणी बिन्वपेशिका ।

The peśi (pulp or flesh) of bilva cures vitiated kapha and vāyu, āma and śūla (colic pain). It is constipative.

'फलेषु परिपक्वं यद्गुणवत्तदुदाहृतम् ।

बिल्वादन्यत्र विज्ञेयमामं तद्धिगुणोत्तरम् ॥ ४८ ॥

[स्थतः सूत्र ४६: २०६]

Generally, among fruits, matured ones are considered to be of good quality. *Bilva* is an exception to this rule inasmuch as its immature fruits are better in quality.

कफानिलाम ---दुर्नामब्रघ्नशोफोदरापहम्

सरं पुनर्नवायुग्ममुष्यावीर्य रसायनम् ॥ ४६ ॥

#### Punarnavā (Boerhaavia diffusa Linn.)

Two varieties of punarnavā alleviate kapha and vāyu, reduce āma and cure durnāman (piles), vradhna (inguinal lymphadenitis), śopha (oedema) and udara (obstinate abdominal diseases including ascitis.) They are laxative and hot in potency. They are rasāyana (rejuvenating).

चित्रकोऽग्निसमः पाके शोफार्शःकृमिकुष्ठहाः ।

#### Citraka (Plumbago zeylanica Linn.)

Citraka acts like fire during digestion i.e. it is a strong digestive stimulant. It cures sopha (oedema), arsas (piles), kṛmi (parasitic infection) and kusṭha (obstinate skin diseases including leprosy).

लोहितः केशरागश्च कृमिकुष्ठज्वरापहः॥ ५०॥

The red variety of *citraka* imparts colour to the hair and it cures *krmi* (parasitic infection), *kuṣṭha* (obstinate skin diseases including leprosy) and *jvara* (fever).

तद्वद्वन्ती प्रभावात्तु विरेचयति सा नरम्।

#### Dantī (Baliospermum montanum Muell.-Arg.)

Dantī has properties similar to those of citraka. However, because of prabhāva (specific action) it causes purgation.

कफक़मिहरी तीक्ष्णा हस्तिदन्ती विरेचनी ॥ ५१॥

### Hasti danti (Trichosanthes bracteata Voigt)

Hasti dantī alleviates kapha and kṛmi (parasitic infection). It is sharp and purgative.

जयपालो गुरुस्निग्धो रेची पित्तकफापहः ।

### Jayapāla (Croton tiglium Linn.)

Jayapāla is heavy, unctuous and purgative. It alleviates pitta and kapha.

# स्तुही साष्ठीलिकाध्मानगुल्मोदरहरी सरा ॥ ५२॥

### Snuhī (Euphorbia neriifolia Linn.)

Snuhī cures aṣṭhilikā (stony tumour in abdomen), ādhmāna (tymphanitis), gulma (phantom tumour) and udara (obstinate abdominal diseases including ascitis). It is sarā (purgative).

The latex of  $snuh\bar{\imath}$  which is like fire should be used when the dosas in a patient are aggravated very much in excess and also for patients suffering from  $d\bar{u}s\bar{\imath}$  visa (artificial poison), udara (obstinate abdominal diseases including ascitis),  $pl\bar{\imath}h\bar{a}$  roga (splenic disorder), gulma (phantom tumour), kustha (obstinate skin diseases including leprosy) and prameha (obstinate urinary disorders including diabetes).

हेमाह्वा रेचनी तिक्ता मदनुत् क्लेदकारिगाी । कृमि-कंडू-कफानाह-विष- कुष्ठ-विनाशिनी ।। ५४ ।।

## Hemāhvā (Argemone mexicana Linn.)

Hemāhvā is purgative, bitter and madanut (cures intoxication.). It produces kleda (stickiness) in body. It cures kṛmi (parasitic infection), kaṇḍū (itching), vitiated kapha, ānāha (constipation), viṣa (poisoning), and kuṣṭha (obstinate skin diseases including leprosy).

29 30 श्र**र्कः** कृमिहरस्तीक्ष्ण सरोर्णः कुष्ठनाशनः।

### Arka (Calotropis gigantea R. Br. ex Ait.)

Arka cures kṛmi (parasitic infection). It is sharp and purgative. It also cures arśas (piles) and kuṣṭha (obstinate skin diseases including leprosy).

# तत्पयः कृमिदोषघ्नं हितं कुष्ठोदरार्शसाम् ॥ ५५॥

The latex of arka cures krmidoşa (parasitic infection) and it is useful for patients suffering from kuştha (obstinate skin

diseases including leprosy), udara (obstinate abdominal diseases including ascitis).

अ1 32

ग्राहर्करं तीवरकं कषायं कटुपाकि च ।

उष्णं कृम्युदरानाहशोफदुन्नामनाशनम् ॥ ५६॥

33

ग्रहणीकफवाताग्निमांद्यामज्वरगुल्मन्तु ।

Āruṣkara & Tuvaraka (Semecarpus anacardium Linn, f. & Hydnocarpus wightiana Blume)

Āruṣkara and tauvaraka—both are astringent in taste and pungent in vipāka. They are hot and they cure kṛmi (parasitic infection), udara (obstinate abdominal diseases including ascitis), ānāha (constipation), śopha (oedema) durnāman (piles), grahaṇī (sprue syndrome), vitiated kapha and vāta, agnimāndya (suppression of the power of digestion), āma, jvara (fever) and gulma (phantom tumour).

तन्मज्जा मधुरः पाके वृष्यश्चार्शोहरः परः ॥५७॥

The pulp of these drugs is sweet in vipāka and aphrodisiac. It also cures arśas (piles).

सुग्गुलुः पिच्छिलः स्पर्शो विश्वदोभ्यवहारतः ।
सुस्वादुः सकटुस्तिक्तः सकषायो रसायनः ।। ५८ ।।
वर्ण्यः स्वर्यः कटुः पाके रूक्षः श्लक्ष्णोग्निदीपनः।
क्लेदमेदोनिलश्लेष्मगंडमेहापचीक्वमीन् ।। ५६ ॥
पिडकाग्रंथिशोथार्शोहन्त्युष्णस्रंसनो छघुः ।

### Guggulu (Commiphora mukul Engl.)

Guggulu is slimy in touch. But it has a non-slimy (visada) effect on the body when used. It is sweet, pungent, bitter and astringent in taste. It is rasāyana (rejuvenating), varņya (promoter of complexion), svarya (promoter of good voice), katupāka (pungent in vipāka), rūkṣa (ununctuous), ślaksna

(smooth) and agnidīpana (promoter of digestive power). It alleviates kleda (sticky material in the body), medas (fat), vitiated vāyu and kapha, gaṇḍa (goitre), meha (obstinate urinary disorders including diabetes), apacī (cervical adenitis), kṛmi (parasitic infection), pidakā (pimples), granthi (adenitis), śotha (oedema) and arśas (piles). It is hot, sraṃsana (laxative) and light.

स नवो बृंहणो वृष्यः पुराणस्त्वतिकर्षणः ।। ६० ।।

Fresh guggulu is bṛṁhaṇa (nourishing) and vṛṣya (aphrodisiac). Old guggulu is extremely depleting (karṣaṇa).

अर्भ अर्भ अर्भ अर्भ भित्रियाक्षो महानीलः कुमुदः पद्म इत्यपि । हिरण्यः पञ्चमो ज्ञेयो गुग्गुलोः पञ्चजातयः ॥६१॥ अर्भ क्लांजनसवर्णस्तु महिषाक्ष इति स्सृतः । महानीलस्तु विज्ञेयः स्वनामसमलक्षणः ॥ ६२ ॥ अर्भ कुमुदः कुमुदाभस्तु पद्मश्चामिपसन्तिभ । अर्भ हिरण्याक्षस्तुहेमाभः पञ्चैते समुदाहृताः ॥ ६३॥

There are five varieties of guggulu. They are mahiṣākṣa, mahānīla, kumuda, padma and hiraṇya. Mahiṣākṣa variety has the colour of either bhṛnga or añjana. Mahānīla is extremely blue in colour. Kumuda variety has the colour of a kumuda flower i.e. white. Padma variety of guggulu looks red like flesh. Hiraṇākṣa looks like gold. Thus all the five varieties of guggulu are illustrated.

अश्र महिषाक्षो महानीलो गजेन्द्राणां हितावुभौ ।
[भावप्रकाशः पूर्वेखण्डः तृतीय कर्पृरादिवर्ग ३३-३६]
हयानां कुमुदः पद्मः स्वस्त्यारोग्यकरौ परौ ॥ ६४ ॥
विशेषेण मनुष्याणां कनकः परिकीत्तितः।

41 कदाचिन्महिषाक्षस्तु मतः कैश्चिन्नृणामपि ॥ ६५ ॥

Mahiṣākṣa and mahānīla—these two varieties of guggulu are useful in the treatment of elephants. Kumuda and padma varieties are useful in the treatment of horses. Kanaka variety is specifically indicated for human beings. According to some scholars mahiṣākṣa is also useful for the treatment of human beings.

गुग्गुलुर्विशदस्तिको वीर्योष्णः पित्तलः सरः।

42
कषायः कटुकः पाके कटुष्टक्षो लघुः परम् ॥ ६६ ॥
भग्नसंधानकृद्वृष्यः सूक्ष्मः स्वर्यो रसायनः।
दीपनः पिच्छिलो बत्यः कफवातव्रणापचीः ॥ ६७ ॥
मेदो मेहांश्च वातास्रक्लेदकुष्ठाममारुतान्।
पिडिकाग्रन्थिशोफार्शोगण्डमालाकृमीञ्जयेत् ॥६८ ॥

Guggulu is viśada (non-slimy), tikta (bitter) and uṣṇa vīrya (hot in potency). It aggravates pitta. It is laxative and astringent in taste. It is pungent in vipāka as also in taste. It is ununctuous and extremely light. It heals fracture of bones. It is vṛṣya (aphrodisiac), sūkṣma (subtle), svarya (promoter of voice), rasā-yana (rejuvenator), dīpana (digestive stimulant), picchila (slimy) and balya (promoter of strength). It alleviates aggravated kapha and vāta. It cures vraṇa (ulcer), apacī (cervical adenitis), meda (adiposity), meha (obstinate urinary disorders including diabetes), vatāsra (gout), kleda (appearance of sticky material in excess in the body), kuṣṭha (obstinate skin diseases including leprosy), āma māruta (rheumatism), piḍikā (pimples), granthi (adenitis), śopha (oedema), arśas (piles), gandamālā (enlarged cervical glands) and kṛmi (parasitic infection).

माधुर्याच्छमयेद्वातं कषायत्वाच्च पित्तहा ।
तिक्तत्वात्कफिजित्तेन गुग्गुलुः सर्वदोषहा ॥६६॥
[भावप्रकाद्यः पूर्वखण्डः तृतीय कर्पूरादिवर्ग ३६—४१]

Because of its sweet taste it alleviates vāta. Pitta is alleviated by its astringent taste. It alleviates kapha because of its bitter taste. Thus, all the three doṣas are alleviated by guggulu.

स नवो बृंहणो वृष्यः पुराणस्त्वतिलेखनः ।
स्निग्धः काञ्चनसङ्काशः पक्वजम्बूफलोपमः ॥ ७० ॥
नूतनो गुग्गुलुः प्रोक्तः सुगन्धि यस्तु पिच्छिलः ।
शुष्को दुर्गन्धकश्चैव त्यक्तप्रकृतिवर्णकः ॥ ७१ ॥
पुराणः सम् तु विज्ञेयो गुग्गुलुर्वीर्यवर्जितः ।

Fresh guggulu is bṛṁhaṇa (nourishing) and vṛṣya (aphrodisiac). Old guggulu is extremely depleting (lekhāna).

Fresh guggulu is unctuous. It is golden in colour and it looks like a ripe fruit of jambu. It has fragrance and it is slimy. Old guggulu on the other hand emits a foul smell and it is devoid of its natural colour. Old guggulu does not possess the required potency.

श्रम्ल तीक्ष्णमजीर्णं च व्यवायं श्रममातपम् ॥ ७२ ॥ मद्य रोषं त्यजेत्सम्यक् गुणार्थी पुरसेवकः ।

The patient who is using guggulu should refrain from sour things, sharp things, things that are indigestible, sexual act, exhaustion, exposure to sun, alcoholic drinks and anger if he desires to have the prescribed therapeutic effects of this drug.

श्रीवासो मधुरस्तिक्तः स्निग्घोष्णस्तुवरः सरः ॥७३॥
44
पित्तलो वातमूर्घाक्षिस्वररुक्कफपीनसान् ।
रक्षोऽश्रीस्वेददौर्गन्ध्ययूकाकण्ड्वणप्रणृत् ॥ ७४॥
[भावप्रकाशः पूर्वखण्डः तृतीय कर्प्रादिवर्गं ४२-४७]

# Śrīvāsa (Pinus roxburghii Sargent)

 $Sr\bar{\imath}v\bar{a}sa$  is sweet and bitter in taste, unctuous, hot, saline and laxative. It aggravates pitta. It cures aggravated  $v\bar{a}ta$ , diseases of head, eyes and voice, aggravated kapha,  $p\bar{\imath}nasa$  (chronic sinusitis), attacks by evil spirits  $(rak\bar{\imath}as)$ , unauspiciousness, excessive sweating, foul smell of the body, lice  $(y\bar{\imath}k\bar{a})$ , itching and ulcer.

यदाऽमृतं वैनतेयो जहार सुरसत्तमात्।
तदा ततोऽपतद् बिन्दुः स रसोनो ऽभवद्भृवि ॥ ७५ ॥
पञ्चिभश्च रसैर्युक्तो रसेनाम्लेन वर्ण्जितः।
45
तस्माद्रसोन इत्युक्तो द्रव्यिनश्चियकारकैः॥ ७६ ॥
कटुकश्चापि मूलेषु तिक्तः पत्रेषु संस्थितः।
नाले कषाय उद्दिष्टो नालाग्रे लवणः स्मृतः ॥ ७७ ॥
वीजे तु मधुरः प्रोक्तो रसस्तद्गुणवेदिभिः।

### Rasona (Allium sativum Linn.)

When Garuḍa took amṛta from Indra, then a drop of it fell down on the earth and rasona came out of it. According to scholars who are experts in the determination of various aspects of drugs, it is called 'rasona' because it has five rasas (tastes) and it is devoid (una) of one rasa (taste) i.e. amla (sour). Pungent taste resides in its root (bulb); bitter taste in the leaf, astringent taste in the stem, saline taste at the top of the stem and sweet taste in the seed.

रसोनो बृंहगो बृष्यः स्निग्धोष्णः पाचनः सरः ॥ ७८ ॥

रसे पाके च कटुकस्तीक्ष्णो मधुरको मतः ।

भग्नसन्धानकृत्कंठघो गुरुः पित्तास्रवृद्धिदः ॥ ७६ ॥

बलवर्णकरो मेधाहितो नेत्र्यो रसायनः ।

# हृद्रोगजीर्णेज्वरकुक्षिशूलविबन्धगुल्मारुचिकासञ्चोफान् ॥८०॥ [भावप्रकाञ्चः पूर्वेखण्डः द्वितीय हरीतक्यादिवर्गे २२०—२२५]

दुर्नामकुष्ठानलसादजन्तुसमीरणश्वासकफांश्च हन्ति ।

Rasona is brinhana (nourishing), vṛṣya (aphrodisiac), unctuous, hot, carminative and laxative. In taste and vipāka it is pungent. It is sharp in property and sweet. It helps in the healing of fracture. It is good for throat and heavy. It aggravates pitta and blood. It promotes strength, complexion, intellect and eyesight. It is rejuvenating. It cures hṛdroga (heart disease), jīrṇa jvara (chronic fever), kukṣi śūla (colic pain in the pelvic region), vibandha (constipation), gulma (phantom tumour), aruci (anorexia), kāsa (coughing), śopha (oedema), durnāman (piles), kuṣṭha (obstinate skin diseases including leprosy), anala sāda (suppression of the power of digestion), jantu (parasitic infection), samīraṇa (aggravated vāyu), śvāsa (asthma) and aggravated kapha.

मद्यं मांसं तथाम्लं च हितं लशुनसेविनः ॥ ५१ ॥

#### Diet

Alcoholic drink, meat and sour things are useful for a person using rasona.

व्यायाममातपं रोषमितनीरं पयो गुडम्।
<sup>47</sup>
रसोनमश्नन् पुरुषम्त्यजेदेतान्निरन्तरम्"।। ८२।।
[भावप्रकाशः पूर्वेखण्डः द्वितीय हरीतक्यादिवर्गं २२५—२२६]

#### **Prohibitions**

A person using rasona should avoid exercise, exposure to sun, anger, water in excess, milk and guda (jaggery).

पत्रे सक्षारमधुरो मध्ये मधुरपिच्छिल: ।
तीक्ष्णोष्णो लसुनः कदः कटुपाकरसः सरः ॥ ६३ ॥
हृद्यः केश्यो गुरुव्ष्यः स्निग्धो दीपनरोचनः ।

भग्नसंधानकृद्धल्यो रक्तपित्तप्रदूषणः ।। ८४ ॥ किलास-कुष्ठ-गुल्मार्शोमेह-कृमि-कफानिलान् । 48 सहिध्मापीनसञ्चासकासान् हन्ति रसायनः'' ॥५४॥

[माधवद्रव्यगुणः विविधौषधिवर्गः ३७—३६]

Its leaf is alkaline and sweet; its stem is sweet and slimy and its bulb is sharp, hot, pungent both in taste and vipāka and laxative. Lasuna is hṛdya (cardiac tonic), keśya (promoter of hair), heavy, vṛṣya (aphrodisiac), unctuous, dīpana (digestive stimulant), rocana (appetiser), bhagna sandhāna kṛt (healer of fracture) and balya (strength promoting). It vitiates blood and pitta. It cures kilāsa (leucoderma), kuṣṭha (obstinate skin diseases including leprosy), gulma (phantom tumour), arśas (piles), meha (obstinate urinary disorders including diabetes), kṛmi (parasitic infection), aggravated kapha and vāyu, hidhmā (hiccup), pīnasa (chronic sinusitis), śvāsa (asthma) and kāsa (coughing). It is rasāyana (rejuvenating).

**'पलाण्डुस्तद्**गुणैस्तुत्यः कफहृन्नातिपित्तलः । <sup>49</sup> <sup>50</sup> अनुष्णः केवलं [वा] तं स्वादुपाकरसो जयेत्' ॥ ५६॥

Palāṇḍu (Allium cepa Linn.)

Palāṇḍu has properties similar to those of rasona. It alleviates kapha but does not aggravate pitta in excess. It is not very hot. It alleviates vāta (which is not combined with other aggravated doṣas). It is sweet in vipāka and taste.

'पलांडुर्मंधुरो वृष्यः कटु स्निग्नोऽनिलापहः । 51 52 बल्यः पित्ताविरोधी च कफहृद्रोचनो गुरुः' ॥ ५७ ॥

[माधवद्रव्यगुणः विविधौषधिवर्ग ६०]

Palāṇḍu is sweet, aphrodisiac, pungent and unctuous. It alleviates vāyu. It promotes strength and does not aggravate pitta. It alleviates kapha. It is an appetiser and heavy.

तीक्ष्णो गुंजणको ग्राही ग्रहण्यशीविकारनुत् ।

53 पुष्पाणि कफबातच्नान्येतान्येषां फलानि च ॥ दद ॥

#### Gṛñjanaka (Daucus carota Linn.)

Gṛñjaṇaka is sharp and constipative. It cures grahaṇī (sprue syndrome) and arśas (piles). Its flowers and fruits alleviate kapha and vāta.

'कफानिलहरं स्वर्यं विबन्धानाहशूलनुत् । कटूष्णं रोचनं वृष्यं हृद्यं चैवार्द्धकं स्मृतम्'॥ ८६॥ [सुश्रुतः सूत्र ४६: २२७]

## Ārdraka (Zingiber officinale Rosc.)

Ārdraka alleviates kāpha and vāyu. It promotes good voice. It cures vibandha (constipation), ānāha (obstruction to the movement of wind in the stomach) and śūla (colic pain). It is pungent, hot, appetiser, aphrodisiac and cardiac tonic.

#### 54 वातक्लेष्मविबन्धेषु रसस्तस्योपदिश्यते ।

The juice of  $\bar{a}rdraka$  is indicated in constipation caused by  $v\bar{a}yu$  and kapha.

# श्रादिका तिक्तंमधुरा मुत्रला रक्तिपत्तहृत्।। ६०।।

Ardrikā (small variety of ārdraka) is bitter and sweet in taste. It is mūtrala (diuretic) and it cures raktapitta (a disease characterised by bleeding from different parts of the body).

"गुडार्द्रकं वातहरं चक्षुष्यं पित्तनाशनम् । क्षतघ्नं चैव वृष्यं च वर्चोभेदि कफापहम् ॥ ६१॥

Guda (jaggery) and  $\bar{a}rdraka$ , taken together, alleviate  $v\bar{a}yu$ . It promotes eye sight and alleviates pitta. It is  $k\bar{s}ataghna$  (cures consumption),  $vr\bar{s}ya$  (aphrodisiac), purgative and  $kaph\bar{a}paha$  (alleviator of kapha).

चक्षुष्य रोचनं स्वर्यं विपाके मधुरं सरम् । स्तम्भाटोपानिलघ्नं च कर्षणं लवणाईकम् ।। ६२ ।।

# भेदनं पिप्पलीमुलं दीपनं कृमिनाशनम् ।

The root of  $pippal\bar{i}$  is purgative, and digestive stimulant. It cures krmi (parasitic infection).

वित्तप्रकोपी तीक्ष्णोप्णं रूक्षं दीपनपाचनम् ॥ १००॥ वा रसे पाके कटु श्लेष्मवातघ्नं **मरिचं** लघु ।

### Marica (Piper nigrum Linn.)

Marica aggravates pitta. It is sharp, hot, ununctuous, digestive stimulant and carminative. It is pungent both in taste and  $vip\bar{a}ka$ . It alleviates kapha and  $v\bar{a}yu$  and is light.

स्वाद् पाक्चार्द्र मरिचं गुरु क्लेष्मप्रसेकि च।। १०१।।

Green marica is sweet in vipāka and heavy. It eliminates kapha.

62 'नात्युष्णं नातिशीतं च वीर्यतो **मरिचं सितम्**'।

White variety of marica is neither hot nor cold in potency.

63 कटूष्णं लघु चक्षुष्यमवृष्य कफवार्ताजत् ।। १०२ ।। इयूषणं कासमेदोष्नं मेहकुष्ठत्वगामयान् । निहन्याद्वीपनं गुल्मपीनसाग्न्यल्पतामपि ।। १०३ ।।

### Tryūsaṇa

Śuṇṭhī, pippalī and marica taken together are called tryūṣaṇa. It is pungent, hot and light. It promotes eye sight. It is not an aphrodisiac. It alleviates kapha and vāta. It cures kāsa (coughing), medas (adiposity), meha (obstinate urinary disorders including diabetes), kuṣṭha (obstinate skin diseases including leprosy) and tvagāmaya (skin diseases). It is digestive stimulant. It also cures gulma (phantom tumour), pipāsā (morbid thirst) and agryalpatā (suppression of the power of digestion.

चिवकागजिपपलौ पिप्पलीमूलवत्स्मृतौ ।

तयोनिःस्यदिनी ज्ञेया विशेषाद्गजिपपली।। १०४।।

# Cavikā & Gajapippalī (Piper chaba Hunter & Scindapsus officinalis Schott.)

Cavik $\bar{a}$  and gaja pippal $\bar{i}$  are like the root of pippal $\bar{i}$  in their properties. Gaja pippal $\bar{i}$  is more expectorant than cavik $\bar{a}$ .

पञ्चकोलं कफानाहगुल्मशूलारुचीर्जयेत् । मरिचेन युत तत्तु षडूषणमुदीरितम् ॥ १०५॥

Pañcakola and Şadūşaņa

Pippalī, pippalī mūla, cavikā, cutraka and nāgara—these five drugs taken together are called pañcakola. It cures aggravated kapha, ānāha (obstruction to the movement of wind in the stomach), gulma (phantom tumour), śūla (colic pain) and arucī (anorexia).

These above mentioned five drugs along with marica are called sadūsana.

64

'जलिपपिलिका हुद्या चक्षुष्या शुक्रला लघु. ।
65
संग्राहिणी हिमारूक्षा रक्तिपत्तज्वरापहा' ।। १०६ ।।

Jala pippalī (Lippia nodiflora Mich.)

Jala pippalī is hrdya (cardiac tonic), cakṣuṣya (promoter of eyesight), śukrala (spermatopoetic), laghu (light) saṁgrāhiṇī (constipative), hima (cooling) and rukṣa (ununctuous). It cures raktapitta (a disease characterised by bleeding from different parts of the body) and jvara (fever).

'लघुष्णं पाचन हिसु दीपनं कफवातनुत् । 67 स्निग्धं तीक्ष्ण कटुरसं शूलाजीर्णविबन्धनृत्'' ॥१०७॥ [सुश्रुत: सूत्र ८६: २२८]

'कृमिगुल्मोदरानाहशूलाजीर्णविवन्धनुत्'

69 70 'लघूष्णं कटुकं पाके रुच्यं पित्ताग्निदीपनम् ।। १०८ ।।

#### Hingu (Ferula foetida Regel.)

Hingu is light, hot, carminative and digestive stimulant. It alleviates kapha and vāta. It is unctuous, sharp and pungent in taste. It cures colic pain, indigestion, constipation, kṛmi (parasitic infection), gulma (phantom tumour), udara (obstinate abdominal diseases including ascitis) and ānāha (obstruction to the movement of wind in abdomen). It is pungent in vipāka and appetiser. It aggravates pitta.

कटु इलेष्मानिलहरं गन्धाढ्यं जीरकद्वयम् ॥ १०६ ॥

[सुश्रुतः सूत्र ४६: २२६]

''ग्राहि रूक्षं मेध्यं वृष्यं चक्षुष्य छदिगुल्मनुत् । ग आध्मानहत्पाचन च गर्भाशयविशुद्धिकृत्'' ।। ११० ॥

#### Jīraka (Cuminum cyminum Linn.)

Both the types of  $j\bar{l}r\bar{a}$  are pungent. They alleviate kapha and  $v\bar{a}yu$ . They are full of aroma. They are constipative, ununctuous, promoter of memory, aphrodisiac and promoter of eyesight. They cure *chardi* (vomiting), *gulma* (phantom tumour) and  $\bar{a}dhm\bar{a}na$  (tymphanitis). They are carminative and they help in the cleansing of the uterus.

## कारवी श्लेष्मवातघ्नी तद्वज्ज्ञेयोपक् चिका ।

 $K\bar{a}rav\bar{\imath}$  and  $Upaku\tilde{n}cik\bar{a}$  (Carum carvi Linn, and Nigella sativum Linn.)

Kāravī alleviates kapha and vāta. Upakuncikā has similar properties.

वाष्पिका कटुतीक्षणोष्णा कृमिक्लेष्महरि सरा ॥१११॥

### Vāspikā (Carum bulbocastanum Koch)

 $V\bar{a}spik\bar{a}$  is pungent, sharp and hot. It cures krmi parasitic infection) and aggravated kapha. It is laxative.

तद्वच्च राजिका रुच्या दीपनी कोष्ठशुलनुत् ।

#### Rājikā (Brassica nigra Koch).

Similarly  $r\bar{a}jik\bar{a}$  is appetiser and digestive stimulant. It cures colic pain in the abdomen.

72 यवानी पित्तला कृष्ठ-कृमि-वातकफापहा ॥ ११२ ॥

#### Yavānī (Trachyspermum ammi Sprague)

Yavānī aggravates pitta. It cures kustha (obstinate skin diseases including leprosy), kṛmi (parasitic infection) and aggravated vāyu as well as kapha.

73 **''छिछिका** शीतली कुप्ठ-कृमि-वातकफापहा'' ।

#### Chichikā

Chichikā is cooling. It cures kuṣṭha (obstinate skin diseases including leprosy),  $k_lm_l$  (parasitic infection) and aggravated  $v\bar{a}ta$  as well as kapha.

74 पुंस्त्वघ्नः कटुतीक्ष्णोप्णो **भुस्तृणो** वक्त्रशोधनः ॥**११३**॥

### Bhūstṛṇa (Cymbopogon martini Wats.)

Bhūstṛṇa causes impotency. It is pungent, sharp and hot. It cleanses the mouth.

75 **खरा**ह्वा कफवातघ्नी वस्तिरोगरुजापहा ।"

### Kharāhvā (Apium graveolens Linn.)

Kharāhvā alleviates kapha and  $v\bar{a}yu$ . It alleviates diseases of the bladder and pain.

कषायं तिक्तमधुरं हृद्यं दीपनरोचनम् ॥ ११४॥ धान्यकं कासतृट्छदिः शमनं चक्षुषोहितम् ।

### Dhānyaka (Coriandrum sativum Linn.)

 $Dh\bar{a}nyaka$  is astringent, bitter and sweet in taste, cardiac tonic, digestive stimulant and carminative. It cures  $k\bar{a}sa$  (coughing), trf (morbid thirst) and chardi (vomiting). It is useful for eyes.

<sup>76</sup> ''भव्यभोजनभोज्येषु विविधेष्ववचारिता ।। ११५॥

भाद्री कुस्तुंबरी कुर्यात्स्वादुसौगन्ध्यहृद्यताम् ।

Green kustumbarī (dhānyaka), when used in different ways, imparts good taste, fragrance and cardiac tonic property to various excellent types of eatables.

सा शुष्का मधुरा पाके स्निग्धा तृट्दाहनाशिनी ।।११६।। गर दोषघ्नी कटुका किञ्चित् तिक्ता स्रोतोविशोधनी ।''

The dried kustumbarī is sweet in vipāka and unctuous. It cures trt (morbid thirst),  $d\bar{a}ha$  (burning syndrome) and aggravated doṣas. It is slightly pungent and bitter. It cleanses the channels of circulation.

जम्बीरः पाचनस्तीक्ष्णः कृमिवातकफापहः ॥ ११७॥

[सुश्रुतः सूत्र ४६: २३०-२३२]

Jambīra (Citrus limon Burm.f)

 $Jamb\bar{\imath}ra$  is carminative and sharp. It cures krmi (parasitic infection) and aggravated  $v\bar{a}ta$  and kapha.

'भंगा कफहरा तिक्ता ग्राहिणी दीपनी छघुः ।

79
तीक्ष्णोष्णा पित्तला मोहमदक्रुद्धाग्विवधिनी' ॥११८॥

[धन्वन्तरिनिघण्टुः गुड्च्यादि प्रथमवर्ग १३१]

Bhangā (Cannabis sativa Linn.)

Bhangā alleviates kapha. It is bitter, constipative, digestive stimulant, light, sharp and hot. It aggravates pitta. It causes unconsciousness, intoxication and talkativeness.

पुरिभर्दीपनो रुच्यो मुखवैशद्यकारकः

[सुश्रुतः सूत्र ४६: २३३]

पादर्वशूलारु चिरवास कासहिक्का निलापहः ।। ११६ ॥

#### Surabhi

Surabhi is digestive stimulant and appetiser. It causes non-sliminess (freshness) in mouth. It cures pārśva sūla (pain in the sides of chest), aruci (anorexia), śvāsa (asthma), kāsa (coughing) and aggravated vāyu.

**तुम्बरः** पित्तकृद्वातकृमिदौर्गन्ध्यनाशनः ।

#### Tumburu (Zanthoxylum alatum Roxb)

Tumburu aggravates pitta. It alleviates aggravated vāyu. It cures kṛmi (parasitic infection) and daurgandhya (foul smell coming out of the body).

'वर्बरी त्रितयं रूक्षं सरं कटुविदाहि च ।। १२० ॥ ४१ पित्तलं कफवातास्नदद्र कृमिविषापहम् ।'

#### Varyarī

Three varieties of varvarī are ununctuous, laxative, pungent, vidāhi (causing burning sensation). They aggravate pitta and alleviate kapha, vāta as well as vitiated blood. They cure dadrū (ring worm), kṛmi (parasitic infection) and viṣa (poisoning).

शोथविद्रधिगंडघ्नी कृषाणन्धा कफापहा ॥ १२१ ॥

## Kṛṣṇagandhā (a variety of Śigru)

Kṛṣṇagandhā cures śotha, (oedema), vidradhi (abscess) and gaṇḍa (goitre). It alleviates kapha.

82 '**शिग्रु**स्तीक्ष्णा लघुर्गाही विह्नकृत्कफवातिज्ञत् ।

### Sigru (Moringa pterigosperma Gaertn.)

Sigru is sharp, light, constipative and digestive stimulant. It alleviates kapha and vāta.

मधुशिग्रुः सरस्तिक्तः शोथव्नो दीपनः कटुः ॥ १२२ ॥

## Madhu śigru (a variety of Śigru)

Madhu sigru is laxative and bitter (?). It alleviates sotha (oedema) and stimulates digestion. It is pungent.

उष्णोदमरिहरो भेदी वरुणोऽनिलशूलहृत्।

#### Varuna (Crataeva nurvula Buch. Ham.)

Varuņa is hot. It cures aśmari (stone in urinary tract), It is purgative. It alleviates aggravated vāyu and śūla (colic pain).

पारिभद्रोऽनिलक्लेष्मशोथमेहकुमीन् जयेत् ॥ १२३ ॥

#### Pāribhadra (Erythrina variegata Linn.)

Pāribhadra cures aggravated vāyu and kapha, śotha (oedema), meha (obstinate urinary diseases including diabetes) and kṛmi (parasitic infection).

बिल्यमूलं मरुत्शलेष्मछदिष्नं न च पित्तकृत् ।

### Bilva (Aegle marmelos Corr.)

The root of bilva alleviates vãyu and kapha. It cures chardi (vomiting) and it does not aggravate pitta.

83 पाटला कफवातघ्नी कट्वंशा ग्राहि दीपनीम् ॥१२४॥

### Pātalā (Stereospermum suaveolens DC.)

 $P\bar{a}tal\bar{a}$  alleviates kapha and  $v\bar{a}ta$ . It is slightly pungent. It is constipative and digestive stimulant.

कषाया मध्रा तिक्ता काश्मरी च कफापहा ।

#### Kāśmarī (Gmelina arborea Linn.)

 $K\bar{a}\acute{s}mar\bar{\imath}$  is astringent, sweet and bitter. It alleviates kapha.

शोथनुद्वह् निमन्थाइच हितो वातविकारिणाम् ।।१२४॥

### Vahnimantha (Clerodendrum phlomidis Linn. f.)

Vahnimantha alleviates śotha (oedema) and it is useful for patients suffering from diseases caused by vāyu.

एरण्डमूलं शूलघ्नं वृष्यं वातहरं परम् ।

#### Eranda (Ricinus communis Linn.)

The root of *eraṇḍa* cures śūla (colic pain). It is aphrodisiac and is an excellent alleviator of vāyu.

# वृष्यस्त्रिकण्टको बल्यो वातघ्नो मूत्रकुच्छ्जित्।।१२६॥

#### Trikantaka (Tribulus terrestris Linn.)

Trikanţaka is aphrodisiac, strength promoter and alleviator of vāyu. It cures mūtrakṛcchra (dysuria).

उष्णा वातकफश्वासकासघ्नी कंटकारिका।

### Kantakārikā (Solanum xanthocarpum Schrad & Wendle.)

Kantakārikā is hot. It alleviates  $v\bar{a}yu$  and kapha. It cures  $\dot{s}v\bar{a}sa$  (asthma) and  $k\bar{a}sa$  (bronchitis).

पाचिनी ग्राहिणी सोष्णा वातघ्नी बृहसी तथा ।।१२७।।

#### Brhatī (Solanum indicum Linn,)

Bṛhatī is carminative, constipative, hot, and alleviator of  $v\bar{a}yu$ .

पृहिनपणीं स्थिरा चैव पित्तश्लेष्मातिसारिणाम् ।

पानभोजनसस्कारे शस्यते वातभूयसाम् ॥ १२८ ॥

# Prśniparni and Sthira (Uraria picta Desv. & Desmodium gangeticum DC.)

 $P_l$ śniparnī and sthirā are very useful for patients suffering from diarrhoea caused by pitta and kapha and for patients dominated by vitiated vāta. Their food and drinks should be boiled along with these two drugs.

<sup>84</sup> जि**गिनो** व्रणहृद्रोगवातातीसारजित्कटुः ।

### Jīnginī (Lannea grandis Engl.)

Jinginī cures vraņa (ulcer), hrdroga (heart disease), aggravated vāyu and atisāra (diarrhoea). It is pungent.

उप्णस्तस्यास्तु निर्यासो नस्याद्वाहुव्यथापहः ॥१२६॥

The gum resin extracted from this plant is hot. If this is

given for inhalation (nasya), then it cures pain in the arm.

वातिपत्तापहं गाहि वृष्यं बल्यं बलात्रयम्।

#### Bala (Sida cordifolia Linn.)

There are three varieties of  $bal\bar{a}$ . They alleviate  $v\bar{a}yu$  and pitta. They are constipative and aphrodisiac.

85 स्निग्ध मधुरमायुष्य **महती** मूत्रकृच्छृनुत् ॥ १३०॥

### Mahābalā (Sida rhombifolia Linn.)

Mahābalā is unctuous, sweet and promoter of longevity. It cures mūtrakṛcchra (dysuria).

क्षतक्षीणहितायुष्या वृष्या नागबलाधिकम् ।

#### Nāgabalā (Grewia populifolia Vahl.)

Nāgabalā is specially useful for patients suffering from kṣata kṣīṇa (consumption). It promotes longevity and is aphrodisiac.

बल्याश्वगन्धा वातघ्नी कासश्वासक्षये हिता ॥१३१॥

### Aśvagandhā (Withania somnifera Dunal.)

Aśvagandhā promotes strength, and alleviates  $v\bar{a}yu$ . It is useful in  $k\bar{a}sa$  (bronchitis), śv $\bar{a}sa$  (asthma) and  $k\bar{s}aya$  (phthisis).

माषपणी महावृष्या चक्षुष्या मुद्गपणिका ।

Māṣaparṇī & Mudga parṇī (Teramnus labialis Spreng. & Phaseolus trilobus Ait.)

Māṣa parṇī is exceedingly aphrodisiac. Mudga parṇī promotes eye sight.

ऋद्धिबंत्या त्रिदोषघ्नी शुक्रला मधुरा गुरु:।। १३२ ।।

Ŗddhi

Rddhi promotes strength. It alleviates all the three dosas. It is spermatopoetic (śukrala), sweet and heavy.

वृद्धिगंभंप्रदा शीता वृष्या कासक्षयापहा ।

#### Vrddhi

Vrddhi helps in conception (garbhaprada). It is cooling and aphrodisiac. It cures  $k\bar{a}sa$  (bronchitis), and  $k\bar{s}aya$  (consumption).

काकोलीयुगल शीतं शुक्रल मधुरं गुरु ॥ १३३ ॥ 86 जयेत्समीरदाहास्निपत्त-शोष-विष-ज्वरान् ॥

#### Kākolī

Kākolī has two varieties. Both of them are cooling, spermatopoetic (śukrala), sweet and heavy. They cure aggravated vāyu, dāha (burning syndrome), asrapitta (a disease characterised by bleeding from different parts of the body), śoṣa (consumption), viṣa (poisoning) and jvara (fever).

मेदायुग्मं गुरुस्वादुवृष्यं स्तन्यं कफापहम् ॥ १३४॥ बृंहणं शीतलं पित्तरक्तक्षयसमीरजित् ।

#### Medā

There are two varieties of *medā*. They are heavy, sweet, aphrodisiac and *stanya* (galactogogue). They alleviate *kapha*. They are *bṛṁhaṇa* (nourishing) and cooling. They alleviate *pitta*, blood, *kṣaya* (consumption) and *vāyu*.

जीवकर्षभकौ बल्यौ शीतौ शुक्रकफप्रदौ ।।१३५।। हरतः पित्तदाहास्रकाश्यंशोषक्षयापहौ ।

Jīvaka & Rsabhaka

Jīvaka and rṣabhaka are strength promoting, cooling and spermatopoetic. They aggravate kapha. They cure aggravated pitta, dāha (burning syndrome), vitiated blood, kārśya (emaciation), śoṣa (consumption) and ksaya (phthisis).

श्रव्यवर्गोऽष्टिभर्द्रव्यैरेतैः शीतोऽतिशृक्तः ॥ १३६॥ बंहणः पित्तवाहास्र—शोषष्टनः स्तन्यगर्भकृत्॥

#### Astavarga

Rddhi, brddhi, kākolī, kṣīra kākolī, medā, mahāmedā,

jīvaka and rṣabhaka—these eight drugs, taken together, are known as aṣṭavarga. It is cooling, exceedingly spermatopoetic and nourishing. It alleviates aggravated pitta, dāha (burning syndrome), asra (vitiated blood) and śoṣa (consumption). It promotes lactation and conception.

विशाला कफवातघ्नी मेहकुष्ठहरी सरा ॥ १३७ ॥

#### Viśālā (Trichosanthes bracteata Voigt)

Viśālā alleviates kapha and vāta. It cures meha (obstinate urinary disorders including diabetes) and kuṣṭha (obstinate skin diseases including leprosy). It is laxative.

सारिवा वातपित्तास्र विषमज्वरनाशिनी ।

#### Sārivā (Hemidesmus indicus R. Br.)

Sārivā alleviates vāta, pitta and blood. It cures viṣama jvara (malarial fever).

88 गवादनी त्वकशोषघ्नी शोफ-कृष्ठव्रणापहा ॥१३८॥

#### Gavādanī

Gavādanī cures tvak soṣa (emaciation or dryness of skin), sopha (oedema), kuṣṭha (obstinate skin diseases including leprosy) and vraṇa (ulcer).

श्रनंता ग्राहिणी रक्तिपत्तप्रशमनी हिमा।

## Anantā (Cryptolepis buchanani Roem. and Schult.)

Anantā is constipative. It cures raktapitta (a disease characterised by bleeding from different parts of the body). It is cooling.

चक्षुष्या मूत्रकृच्छृघ्नी गुन्द्रा पित्तास्रदाहनुत् ॥१३६॥

### Gundrā (Typha elephantina Roxb.)

Gundrā promotes eyesight. It cures  $m\bar{u}trakrcchra$  (dysuria), aggravated pitta and blood and  $d\bar{a}ha$  (burning syndrome).

लोध्रोऽसृवकफिपत्तच्नश्चक्षुष्यः शोथजित्सरः ।

#### Lodhra (Symplocos crataegoides Buch.—Ham.)

Lodhra alleviates vitiated blood, kapha and pitta. It promotes eyesight and cures śotha (oedema). It is laxative.

#### Sāvara Lodhra (Symplocos racemosa Roxb.)

Sāvara lodhra shares the properties of lodhra. Besides, it promotes eyesight and is a mild purgative.

89 **मधुकं** रक्तपित्तव्नं व्रणशोधनरोपणम् ।

गुरुः स्वादुहिमं वृष्यं चक्षुष्य स्वरवर्णकृत् ॥१४१॥

#### Madhuka (Glycyrrhiza glabra Linn.)

Madhuka cures rakta pitta (a disease characterised by bleeding from different parts of the body). It cleanses and heals the ulcer (vraṇa). It is heavy, sweet, cooling, aphrodisiac and promoter of eyesight, voice and complexion.

प्रयोण्डरीकं चक्षुष्यं शिशिर व्रणरोपणम् ।

#### Prapaundarika

Prapaundrika promotes eye sight. It is cooling and it heals ulcer.

# मंजिष्ठा कुष्ठवीसर्पशोथघ्नी वर्णदा परम् ॥१४२॥

#### Mañjiṣṭhā (Rubia cordifolia Linn.)

Mañjiṣṭhā cures kuṣṭha (obstinate skin diseases including leprosy), visarpa (erysipelas) and śotha (oedema). It is an excellent drug for the promotion of complexion.

### लाक्षा भग्नविसर्पंदनी वर्ण्या त्वगदोपनाशिनी ।

### Lākṣā (Lac)

 $L\bar{a}k\bar{s}\bar{a}$  helps in the healing of fracture. It cures visarpa (erysipelas). It promotes complexion and cures skin diseases.

मुशली मधुरा वृष्या वीर्योष्णा बृंहणी गुरुः ॥१४३॥

तिक्ता रसायनी हन्ति गुदजान्यनिलं तथा ।

#### Muśalī (Chlorophytum tuberosum Baker)

Mušalī is sweet, aphrodisiac, hot in potency, bṛmhaṇī (nourishing), heavy, bitter and rejuvenating. It cures gudaja (piles) and aggravated  $v\bar{a}yu$ .

द्विधा शतावरी ज्ञेया कण्टकरैप्धरोत्तरैः ।।१४४।।
91
द्विविधा तु भवेद् ग्राह्मा गुणैस्त्वेषां न संशयः ।
शीता कषाया मधुरा पथ्या वृष्या रसायनी ।।१४४।।
वातिपत्तिवबन्धनी वणौजीवलविद्विनी ।

#### Šatāvarī (Asparagus racemosus Willd.)

Satāvarī is of two varieties. One variety has thorns below and the other has thorns above. Both of them are therapeutically useful and there should be no doubt about it. It is cooling, astringent, sweet, wholesome (pathya), aphrodisiac and rejuvenating. It cures aggravated vāyu and pitta as well as constipation. It promotes complexion, ojas (vital fluid?) and strength.

92 पार्थः पथ्यः क्षते भग्ने रक्तस्तम्भनवद्गुणैः ॥ १४६ ॥

### Pārtha (Terminalia arjuna W. & A.)

Pārtha is useful in kṣata (phthisis), bhagna (fracture) and raktastambhana (coagulation of blood).

ग्रस्थिभग्नेऽस्थिसंहारो हितो बल्योऽनिलापह: ।

## Asthi samhāra (Cissus quadrangularis Linn.)

Asthi samhāra is useful in asthi bhagna (fracture of bone). It promotes strength and alleviates vāyu.

चक्षुष्यो मार्कवः केश्यः कफपाण्ड्वामयापहः ॥१४७॥

### Mnrkava (Eclipta alba Hassk.)

Mārkava promotes eye sight and hair growth. It cures vitiation of kapha and pāndu (anemia).

कफामकामलाशोथकृमिघ्नी

द्रोणपुष्पिका ।

Dronapuṣpīkā (Leucas cephalotes Spreng.)

Droṇapuṣpīkā cures aggravated kapha, āma, kāmalā (jaundice), śotha (oedema) and kṛmi (parasitic infection).

शोपघ्नी विशदा कष्ठ्या विषघ्नी गिरिकणिका ।।१४८॥

Girikarnikā (Clitoria ternatea Linn.)

Girikarnikā cures śoṣa (consumption). It is viśada (non-slimy). It is useful for throat and it cures viṣa (poisoning).

कासजिद्वातशमनी वृश्चिकाली विषापहा।

Vṛścikālī (Pergularia extensa N. E. Br.)

Vṛścikālī cures kāsa (bronchitis), aggravated vāyu and vişa (poisoning).

दुरिधकोष्णा गुरुर्वृष्या वातला गर्भकारिणी ॥१४६॥ 93 स्वादुर्विष्टंभिनी चैव कफकुष्ठक्रमीन् जयेत् ।

Dugdhikā (Euphorbia thymifolia Linn.)

 $Dugdhik\bar{a}$  is hot, heavy and aphrodisiac. It aggravates  $v\bar{a}yu$  and promotes conception. It is sweet and constipative. It cures aggravated kapha, kustha (obstinate skin diseases including leprosy) and krmi (parasitic infection).

म्र्यहिस्रा विषशोथध्नी तद्गुणैव सुदर्शना ।।१५०॥

Ahimsrā & Sudarśanā (Copparis sepiarin Linn. & Crinum) asiaticum Linn.)

Ahimsrā cures vişa (poisoning) and śotha (oedema). Sudarśanā has similar properties.

94 कासश्वासहरी **भागी गुंजा** कुप्**ट**ब्रणाप**द्य** 

 $Bh\bar{a}rg\bar{\imath}$  &  $Guj\bar{n}\bar{a}$  (Clerodendrum serrarum Moon & Abrus precatorius Linn.)

Bhargī cures kāsa (bronchitis) and was fasthma).

Gunjā cures kustha (obstinate slin die es sin die

leprosy) and vrana (ulcer).

जयन्ती विषदोषः सैरीयः कफवातजित् ॥१५१॥

Jayantī & Sairīya (Sesbania sesban Merr. & Barleria cristata Linn.)

Jayantī cures viṣadoṣa (poisoning). Sairīya alleviates kapha and vāta.

वातरक्तहरी सोष्णा वृष्या बल्या प्रसारिणी।

Prasāriņī (Paederia foetida Linn.)

 $Pras\bar{a}rin\bar{i}$  cures  $v\bar{a}ta$  rakta (gout). It is hot, aphrodisiac and strength promoting.

आमवातानिलास्नव्नौ कोकिलाक्ष-कुलाहलौ ।।१५२॥

Kokilākṣa & Kulāhala (Astercantha longifolia Nees & Blumea balsamifera DC.)

Kokilākṣa and Kulāhala cure āmavāta (rheumatism) and anilāsra (gout).

धुत्त्रोमदवर्णाग्निवान्तिकृज्जवरकुष्ठनुत् ।
95
उष्णो गुस्त्रं णश्लेष्मकंडूकृमिविषापहः ॥१५३॥

Dhuttūra (Datura stramonium Linn.)

Dhuttūra produces mada (intoxication), varņa (complexion), agni (digestive power) and vānti (vomiting). It cures jvara (fever) and kuṣṭha (obstinate skin diseases including leprosy). It is hot and heavy, It also cures vraṇa (ulcer), aggravated kapha, kaṇḍū (itching), kṛmi (parasitic infection) and viṣa (poisoning).

96 हिलिनी-करवीरौ च कुष्ठदुष्टव्रणापहौ ।

Halinī and Karaivīra (Gloriosa superba Linn. & Nerium indicum Linn.)

Halinī and karavīra cure kuṣtḥa (obstinate skin diseases including leprosy) and duṣṭa vraṇa (obstinate type of ulcer).

कृष्वीध कफपित्तव्नी कुष्ठमावर्त्त की हरेत् ।।१५४॥

### Āvartakī (Helicteres isora Linn.)

Avartakī cures aggrevated kapha and pitta both from upper and lower parts of the body. It also cures kuṣṭha (obstinate skin diseases including leprosy).

कोशासकी कफार्शोघनी पनवामाशयशोधिनी ।

#### Kośātakī (Luffa acutangula Roxb.)

Kośātakī cures aggravated kapha and arśas (piles). It cleanses both the pakvāśaya (colon) and āmāśaya (stomach including small intestine).

मेच्या ज्योतिष्मती तीक्ष्णा व्रणविस्फोटनाशिनी ॥१५५॥

#### Jyotişmatī (Celastrus paniculatus Willd.)

Jyotișmatī promotes intellect. It is sharp and it cures vraņa (ulcer) and visphoța (pustular eruptions).

वयसः स्थापिनी बाहमी मेधायुःसमृतिवधिनी।

#### Brāhmī (Bacopa monnieri Pennell)

Brāhmī prevents aging. It promotes intellect, longevity and memory.

97 98 कफवातास्रभूतघ्नी वचायु स्मृतिबुद्धिदा ।। १५६॥

#### Vacā (Acorus calamus Linn.)

Vacā cures aggravated kapha, vāta as well as blood and attacks by evil spirits (bhūta). It promotes longevity, memory and intellect.

<sup>99</sup> **कुक्कु६ंद** कटुस्तिक्तो ज्वररक्तकफापहः ।

### Kukkurunda

Kukkurunda is pungent and bitter. It cures fever and vitiated blood and kapha.

शंखपुष्पी सरा तिक्ता मेध्या कृमिविषापहा ॥१५७॥

Śańkhapuṣpī (Convolvulus pluricaulis Chois)

Sankha puspī is laxative and bitter. It promotes medhā

(intellect) and cures kṛmi (parasitic infection) and viṣa (poisoning).

'हंसपादी गुरु. शीता हन्ति रक्तगुरु (?) त्रणान्।

Hamsa pādī (Adiantum lunulatum Burm.)

Hanisa  $p\bar{a}d\bar{\imath}$  is heavy and cooling. It alleviates vitiated blood and cures serious type (guru) of vrana.

मुडी तिक्ता कटुपाके वीर्योप्णा मधुरा लघु ।।१५८।। 100 मेध्या गण्डापचीकृष्ठ्कृमियोन्यतिपाण्डुन्त् ।'

Mundī (Sphaeranthus indicus Linn.)

Muṇḍī is bitter in taste and pungent in vipāka. It is hot in potency, sweet and laghu. It promotes intellect (medhā) and cures ganḍa (goitie), apacī (cervical adenitis), kṛcchra (dysuria), kṛmi (parasitic infection), yonyarti (pain in female genital tract) as well as pāṇḍu (anemia).

मालती कफपित्तास्रच्यत्रणकृमिकुष्ठनुत् ॥१५६॥

Mālatī (Aganosma dichotoma K. Schum.)

Mālatī cures aggravated kapha, pitta and blood, ruk (pain), vraņa (ulcer), kṛmi (parasitic infection) and kuṣṭha (obstinate skin diseases including leprosy).

चक्षुष्या मुकुलं तस्यास्तत्पुष्पं कफपित्तनुत्।

Its bud (mukula) promotes eyesight. Its flowers alleviate kapha and pitta.

स्यान्नागदमनी वर्ण्या लूतासर्पविषापहा ॥१६०॥

Nāgadamanī (Artemisia vulgaris Linn.)

Nāgadamanī promotes complexion and cures poisoning by lutā (venomous spider) and sarpa (snake).

शिरोषो विषवीसर्पस्वेदत्वग्दोषशोथजित् ।

Śirīṣa (Albizzia lebbeck Benth.)

Širīṣa cures viṣa (poisoning), vīsarpa (erysipelas), sveda

(profuse sweating), daurgandhya (foul smell of body), tvagdoşa (skin diseases) and śotha (oedema).

सिक्थकं वणवीम्पंकुप्ठवातास्रजित् परम् ॥१६१॥

Sikthaka

Sikthaka is an excellent cure for vraņa (ulcer), vīsarpa (erysipelas), kuṣṭha (obstinate skin diseases including leprosy) and vā tāsra (gout).

आफ़्कं शोषणं ग्राही श्लेष्मध्नं वातिपत्तलम्।

Āphūka (Papaver somniferum Linn.)

Āphūka (opium) is śoṣaṇa (drying) and grāhī (constipative). It alleviates kapha and aggravates vāta as well as pitta.

वप्यो बल्यः खसतिलः ज्लेप्मलो व तीजद्गुरु ॥१६२॥

Khasa tila (seeds inside the poppy pod) is aphrodisiac and strength promoting. It aggravates kapha and alleviates  $v\bar{a}yu$ . It is heavy.

वल्कलस्तत्फलोद्भूतो रुक्षो ग्राही विशोषणः ।

The valkala (outer layer) of the poppy pod is ununctuous, grāhī (constipative) and višoṣaṇa (excessively drying).

रक्तपित्तहरी दूर्वा कंडूत्वग्दोषनाशिनी ।। १६३ ॥

Dürvā (Cynodon dactylon Pers.)

 $D\vec{u}rv\vec{a}$  cures rakta pitta (a disease characterised by bleeding from different parts of the body),  $ka\eta d\vec{u}$  (itching) and tvagdosa (skin disease).

पाडूमेहापचीपिल्लत्वग्दोपकृमिजि**न्निशा** ।

कफपित्तहरी शोथकंडूकुप्ठव्रणापहा ।।१६४।।

Niśā (Curcuma longa Linn.)

Nisā cures pāṇḍu (anemia), meha (obstinate urinary disorders including diabetes), apacī (cervical adenitis), pilla

type of eye disease), tvagdoṣa (skin disease) and kṛmi (parasitic infection). It alleviates kapha and pitta and cures śotha (oedema), kaṇḍū (itching), kuṣṭha (obstinate skin diseases including leprosy) and vraṇa (ulcer).

तद्भद्धवर्धि विशेषेण कफाभिष्यन्दनाशिनी ।

# Dārvī (Berberis aristata DC.)

 $D\bar{a}rv\bar{i}$  shares the properties of  $nis\bar{a}$ . It is specially useful for curing abhisyanda (conjunctivitis) caused by kapha.

त्वग्दोषमारुतक्लेष्मविषप्रश्नमनं स्मृतम् ।।१६५॥

श्रवत्मुजं फलं, तद्वत्प्रपुन्नाटस्य चोच्यते ।

कुष्ठगुरुमोदराशोष्ट्य कटुपाके तथैव च ॥ १६६॥

# Avalguja (Psoralea corylifolia Linn.)

The fiuit of avalguja cures tvagdoṣa (skin disease), aggravated vāyu and kapha and viṣa (poisoning).

# Prapunnāda (Cassia tora Linn.)

Prapunnāda shares the properties of avalguja. Moreover, it cures kuṣṭha (obstinate skin diseases including leprosy), gulma (phantom tumour), udara (obstinate abdominal diseases including ascitis) and arśas (piles). It is pungent in vipāka.

करंजिक शुकारिष्टफलं जंतु प्रमेहजित् ।'
कक्षोष्णं कटुकं पाके लघुर्वातक फापहम् ॥ १६७॥

Karañja, kimśuka & Arista (Pongamia pinnata Merr., Butea monosperma Kuntze and Sapindus trifoliatus Linn.)

The fruits of karañja, kimśuka and arista cure jantu (parasitic infection) and prameha (obstinate urinary disorders including diabetes). They are ununctuous, hot, pungent in vipāka and light. They alleviate vāta and kapha.

तिक्तमीषद्विषहितं विदङ्गं कृमिनाशनम् ।

# Vidanga (Embelia ribes Burm. f.)

Vidanga is slightly bitter. It is useful in the treatment

of poisoning and it cures kṛmi (parasitic infection).

103 104 **श्रास्फोता** विषक्ष्ठघ्नी **तिनिज्ञा** दाहपित्तनुत् ॥१६८॥

 $\tilde{A}$ sphot $\tilde{a}$  & Tini $\tilde{s}$ ā (Vallaris solanacea O. Ktze. & Ougeinia dalbergioides Benth.)

Asphotā cures viṣa (poisoning) and kuṣṭha (obstinate skin diseases including leprosy).

Tinisā cures dāha (burning syndrome) and aggravated pitta.

<sup>105</sup> **ग्रसनः** कफपित्तघ्न **शिशपा**दाहशोथनुत्

Asana and Šimsapā (Pterocarpus marsupium Roxb. & Dalbergia sissoo Roxb.)

Asana alleviates kapha and pitta. Šimsapā cures dāha (burning syndrome) and sotha (oedema).

धातकी रक्तिपत्तघ्नी कदरो दन्तदार्द्यकृत् ॥ १६६॥

Dhātakī & Kadara (Woodfordia fruticosa Kurz. & Acacia suma Buch.—Ham.)

Dhātakī cures raktapitta (a disease characterised by bleeding from different parts of the body).

Kadara makes teeth strongly embedded in the gums (danta  $d\bar{a}rdhya\ krt$ ).

श्रपामार्गोऽन्निकृत्तीक्ष्णः सिन्द्वारोऽनिलापहः ।

Apāmārga and Sinduvāra (Achyranthes aspera Linn. & Vitex trifolia Linn.)

Apāmārga stimulates digestion and it is sharp.

Sinduvāra alleviates vāyu.

निक् लज्जालूः शीतला तिक्ता कषाया श्लेष्मिपत्तहृत् ॥१७०॥ १०७ रक्तिपत्तमतीसारं योनिदोषं विनाशयेत ।

# Lajjālu (Mimosa pudica Linn.)

Lajjālu is cooling, bitter and astringent. It alleviates kapha and pitta. It cures raktapitta (a disease characterised by bleeding from different parts of the body), atisāra (diarrhoea) and yonidoṣa (diseases of the female genital tract).

108 109 वंशो व्रणास्त्रसंहारो भेदनः शोथनाशनः ॥ १७१॥

# Vamsa (Bambusa bambos Druce)

Vamsa cures vrana (ulcer) and vitiated blood. It is purgative and it cures sotha (oedema).

रोहीतको यक्रत्प्लीहगुल्मोदरहरः सरः ।

# Rohitaka (Tecomella undulata Seem.)

Rohitaka cures diseases of yakrt and plīhan, gulma (phantom tumour) and udara (obstinate diseases of the abdomen including ascitis). It is laxative.

110 शोथामकफवातघ्नो **बृहद्दारो** रसायनः ॥ **१**७२ ॥

# Vrhaddāra (Argyreia speciosa Sweet)

Vṛhaddāra cures sotha (oedema), āma and aggravated kapha as well as vāta. It is 1ejuvenating.

ा। भूयो व्रणकफास्त्रघ्नः **तगर**. कुष्ठवद्ग्णैः ।

# Tagara (Valeriana wallichii DC.)

Tagara shares the properties of kuṣṭha. It is specifically useful in curing vraṇa (ulcer) and vitiated kapha as well as blood.

कफवातहरी कौनती दीपनी न च पित्तकृत्।।१७३॥

# Kauntī (Vitex agnus-costus Linn.)

Kauntī alleviates kapha and vāta. It stimulates digestive power. It does not aggravate pitta.

श्रीवासः सरलं बोलः कुन्दरुगंन्थिपर्णकम् । 112 113 तुरुव्कं सिद्धकं स्पृक्का गुन्द्रा सर्जोमुरा नखम् ॥ १७४॥ सर्वेऽमी पावनालक्ष्मीरक्षोघ्ना ज्वरनाजनाः । स्वाद्तिक्तरमायुष्याः स्वेददौर्गन्ध्यनाजनाः ॥ १७५ ॥

Śrīvāsa (Pinus roxburghii Sargent) etc.

Śrīvāsa, sarala, bola, kunduru, granthiparņa, turuṣka, silhaka, spṛkkā, gundrā, sarja, murā and nakha—all these drugs cure aggravated vāyu, alakṣmī (inauspiciousness), rakṣa (afflictions by rakṣas) and jvara (fever). They are sweet and bitter in taste. They promote longevity. They cure svedadaurgandhya (foul smell because of excessive sweating).

'राला हिमा गुरुस्तिक्ता कषाया ग्रहगा जयेत् ।
114
ग्रहसंस्वेदवीमर्पंज्वरव्रणविपादिकाः' ।। १७६ ।।

Rālā

Rālā is cooling, heavy, bitter, and astringent. It cures grahaņī (sprue syndrome), graha (affliction by unfavourably situated planets), samsveda (excessive sweating), vīsarpa (erysipelas), jvara (fever), vraņa (ulcer) and vīpādikā (cracking of the sole of the feet).

पित्तास्त्रविषतृट्दाहकुमिघ्नं गुरु रुक्षणम् । 115 सर्वे सतिक्तमधुरं चन्दनं शिशिरं परम् ॥ १७७॥

Candana (Śveta and Rakta) (Santalum album Linn. & Pterocarpus santalinus Linn. f.)

Both the varieties of candana cure vitiated pitta and blood, viṣa (poisoning), trt (morbid thirst),  $d\bar{a}ha$  (burning syndrome) and krmi (parasitic infection). They are heavy, ununctuous, bitter, sweet and exceedingly cooling.

मनोज्ञं चंदनं इवेतं रक्तपित्तविषापहम् । हृद्यं प्रह्लादनीयं च सतिक्तमतिशीतलम् ॥१७८॥

Śveta candana is manojña (pleasing to the mind) and it cures rakta pitta (a disease characterised by bleeding from different parts of the body) and vişa (poisoning). It is hrdya

(cardiac tonic), prahlādanīya (which gives comfort), bitter and exceedingly cooling.

Lohita candana promotes eyesight. It cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is useful in the treatment of ulcers (vranya).

# Patanga (Caesalpinia sappan Linn.)

Patanga is bitter and sweet. It is vranya (useful in the treatment of ulcer). It alleviates pitta, kapha and blood.

#### Padmaka (Prunus cerasoides D. Don.)

Padmaka cures kuṣṭha (obstinate skin diseases including leprosy), visphoṭa (pustular eruption), jvara (fever), dāha (burning syndrome) and vraṇa (ulcer).

# Sevya (Vetiveria zizanioides Nash)

Sevya alleviates pitta and blood. It cures sveda (excessive sweating), dāha (burning syndrome) and daurgandhya (foul smell of body).

# Kumkuma (Crocus sativus Linn.)

Kumkuma alleviates vāyu. It is hot. It promotes strength and cures tvagdoṣa (skin disease).

# कस्तूरी छर्दिदौर्गन्ध्यवातालक्ष्मीमलापहा ॥१८१॥ .

# Kastűrī (musk)

Kastūrī cures chardi (vomiting), daurgandhya (foul smell of the body), aggravated vāyu, alakṣmī (inauspiciousness) and mala (excessive excretion of waste products).

कटुतिक्तोष्णमगुरु स्निग्धं

वातकफापहम् ।

# Aguru (Aquilaria agallocha Roxb.)

Aguru is pungent, bitter, hot and unctuous. It alleviates vāyu and kapha.

स्निग्धोप्णं कटुकं पाके सुरदावंनिलापहम् ॥१८२॥

# Suradāru (Cedrus deodara Loud.)

Suradāru is unctuous, hot and pungent in vipāka. It alleviates vāyu.

कत्तृणं तिक्तमधुरं वातश्लेष्मविषापहम्।

# Kattṛṇa (Cymbopogon citratus Stapf.)

Kattṛṇa is bitter and sweet. It alleviates vāyu and kapha, and cures vişa (poisoning).

कुडं सतिक्तमधुरं वातश्लेप्मविषापहम् ॥ १८३॥

# Kustha (Saussurea lappa C.B. Clarke.)

Kuṣṭha is bitter and sweet. It alleviates vāyu and kapha, and cures viṣa (poisoning).

121 '**शटी** वातकफश्वासकासज्वरहरा मता'

# $Sat\bar{i}$ (Hedychium spicatum Ham. ex. Smith.)

 $\tilde{S}at\bar{\iota}$  alleviates  $v\bar{a}yu$  and kapha. It cures  $\hat{s}v\bar{a}sa$  (asthma),  $k\bar{a}sa$  (bronchitis) and  $\hat{j}vara$  (fever).

सुगन्धिः कटुको हृद्यः कंकोलः कफवार्ताजत् ।।१८४।।

# Kankola (Piper cubeba Linn. f.)

Kankola is fragrant, pungent and cardiac tonic. It alleviates kapha and vāta.

122 तद्वज्जातीफलं प्रोक्तं भ्रमपित्तकरं परं ।

# Jātīphala (Myrstica fragrans Houtt.)

Jātīphala shares the properties of kankola. In addition it causes bhrama (giddiness) and aggravates pitta.

123 जातीकोशो लघुस्तिक्तः क्लेददौर्गन्ध्याजन्मतः ।१८५।

Jātikośa

Jātikośa is light and bitter. It cures kleda and daurgandhya (foul smell of the body).

सितक्तः कटुकश्चैव वलासस्य विनाशनः । कपूरः शीतल पाके चक्षुप्य कफनाशनः ॥१८६॥

Karpūra (Cinnamomum camphora Nees. & Eberm)

Karpūra is bitter and pungent. It alleviates kapha. It is cooling in vipāka (?). It promotes eyesight and is an expectorant.

'पक्वात्कर्प्रतः प्राहुरपक्वं गुणवत्तरम्। तत्रापि स्याद्यदक्षुद्रं स्फटिकाभं तदुत्तमम् ॥१८७॥

Apakva karpūra is better than pakva karpūra. There, also, karpūra which is not in small pieces and which is like crystal is the best.

पक्वं च सदलं स्निग्धं हरितद्युति चोत्तमम् । भङ्गे मनागपि न चेन्निपतन्ति कणास्ततः ॥१८८॥

Pakva karpūra which is in pieces (sadala), which is unctuous and which has greenish tinge is the best provided granules (even in small quantity) do not fall out of it when broken into pieces.

तक्तदाहास्यवैरस्य मेद-शोथ-विषापहः ।'

It cures dāha (burning syndrome), āsya vairasya (distaste in mouth), medas (adiposity), śotha (oedema) and vişa (poisoning).

'राष्णा हिमा गुरुस्तिक्ता कषाया ग्राहि[णी] जयेत् ॥१८६॥
126
ग्रहास्रस्वेदवीसर्पेज्वरव्रणविपादिकाः

# Rāsņā (Pluchea lanceolata Oliver & Hiern.)

Rāsṇā is cooling, heavy, bitter, astringent and constipative. It cures graha (afflictions by evil spirits), vitiated blood, sveda (excessive sweating), vīsarpa (erysipelas), jvara (fever), vraṇa (ulcer) and vipādikā (cracking of the soul of the feet.)

127 **एला** नृट्छर्दिहुल्लासकंडूपित्तकफापहा ॥१६०॥

#### Elā (Amomum subulatum Roxb.)

Elā cures tṛṭ (morbid thirst), chardi (vomiting), hṛllāsa (nausea), kaṇḍū (itches) and aggravated pitta as well as kapha.

सूक्ष्मेला मूत्रकृच्छार्शःश्वामकासकफे हिना ।

# Sūkṣmailā (Elettaria cardamomum Maton.)

Sūkṣmailā is useful in mūtrakṛcchra (dysuria), arśas (piles), śvāsa (asthma), kāsa (bronchitis) and aggravation of kapha.

विबन्धानाहणूलघ्नं लवङ्गं भुक्तपाचनम् ॥ १६१ ॥

# Lavanga (Syzygium aromaticum Merr. & L.M.)

Lavanga cures vibandha (constipation), ānāha (flatulence) and sūla (colic pain). It helps in the digestion of food.

चक्षुष्या मुखरोगघ्नी लताकस्तूरिका हिमा ।

# Latā kastūrikā (Hibiscus abelmoschus Linn.)

Latā kastūrikā promotes eye sight and cures diseases of mouth. It is cooling.

128 कट्फल मुखरोगघ्न कासश्वासक्षयापहम् ॥१९२॥

# Katphala (Myrica nagi Thunb.)

Katphala cures diseases of mouth, kāsa (bronchitis), śvāsa (asthma) and kṣaya (consumption).

मदनो वामनः तिक्त वीर्योप्णां लखनो लघुः ।

रूक्षः कृष्ठकफानाहशोफगुल्मक्रणापहः ॥ १६३ ॥

# Madana (Randia dumetorum Lam.)

Madana is emetic, bitter, hot in potency, lekhana (scraping), light and ununctuous. It cures kuṣṭha (obstinate skin diseases including leprosy,) aggravated kapha, ānāha (flatulence), śopha (oedema), gulma (phantom tumour) and vṛaṇa (ulcer).

**शताह्या**निलदाहास्रशूलतृट्छर्दिनाशिनी

मधुरा रोचनी वृष्या दाहासृक्षित्तनाशिनी ॥१६४॥

# Satāhvā (Foeniculum vulgare Mill.)

Satāhvā cures aggravated vāyu, dāha (burning syndrome), vitiated blood, śūla (colic pain), tṛṭ (morbid thirst) and chardi (vomiting). It is sweet, rocana (appetiser) and aphrodisiac. It alleviates pitta.

फलिनी गात्रदौर्गन्ध्यरक्तिपत्तज्वरापहा ।

# Phalinī (Prunus mahaleb Linn.)

Phalinī removes gātra daurgandhya (foul smell of the body) and cures rakta pitta (a disease characterised by bleeding from different parts of the body) and jvara (fever).

129 शस्ता शोणितपित्तातियोगे गन्धप्रियंगुका ॥ १९५ ॥

# Gandha priyangu (Callicarpa macrophylla Vahl)

Gandha priyangu is useful in the acute form of śonita pitta (a disease characterised by bleeding from different parts of the body).

हपुषा दीपनी तिक्ता कटूष्णा तुवरा गुरुः ।
130
पित्तोदरसमीरार्शो-ग्रहणी-गुल्म-शुलहृत् ।।१६६॥

# Hapuṣā (Juniper communis Linn.)

Hapuṣā is digestive stimulant, bitter, pungent, hot, saline and heavy. It cures aggravated pitta, udara (obstinate abdominal diseases including ascitis), aggravated vāyu, arśas (piles), grahaṇī (sprue syndrome), gulma (phantom tumour) and śūla (colic pain).

181 132 'राष्णोष्णा वातशोथामवातवातामयान् जयेत् ।

# Rāṣṇā (Alpinia gulanga Willd.)

 $R\bar{a}s,\bar{n}a$  is hot. It cures aggravated  $v\bar{a}yu$ , sotha (oedema),  $\bar{a}mav\bar{a}ta$  (rheumatism) and  $v\bar{a}t\bar{a}maya$  (diseases caused by the vitiation of  $v\bar{a}yu$ ).

पौष्करं पाद्यं रुक्षवासकासहिक्काज्वरापहा ॥१६७॥

# Pauskara (Inula racemosa Hook. f.)

Pauṣkara cures pārśvaruk (pain in the sides of chest), śvāsa (asthma), kāsa (bronchitis), hikkā (hiccup) and jvara (fever).

133 शृंङ्गी कफानिलश्वासकामहिक्काज्वरापहा ।

# Śrńgī (Pistacia integerrmia Stew. ex Brandis)

Śrigī cures aggravated kapha as well as  $v\bar{a}yu$ , śvāsa (asthma),  $k\bar{a}sa$  (bronchitis),  $hikk\bar{a}$  (hiccup) and fever (jvara).

134
वरांगं कफशुक्रामवातघ्नं मधुरं कटु ॥ १६५॥ विषत्टछिदहरूलासकफिपत्तविसर्पमृत

# Varānga (Cinnamomum zeylanicum Blume.)

Varānga alleviates kapha and reduces semen. It cures āmavāta (rheumatism). It is sweet and pungent. It cures viṣa (poisoning), tṛṭ (morbid thirst), chardi (vomiting), hṛllāsa (nausea), aggravated kapha as well as pitta and visarpa (erysipelas).

135 त्वग्दोषस्वेददौर्गन्घ्यनाशनो नागकेसर: ॥ १६६ ॥

# Nāgakesara (Mesua ferrea Linn.)

Nāgakesara cures tvagdoṣa (skin diseases), sveda (excessive sweating) and daurgandhya (foul smell of the body).

<sup>136</sup> **पत्रकं** कफवातार्शोहृल्लासारोचकापहम् ।

# Patraka (Cinnamomum tamala Nees and Eberm.)

Patraka alleviates kapha and vāta and cures arśas (piles), hṛllāsa (nausea) and arocaka (anoxeria).

तालीसपत्रं तीक्ष्णोष्ण कफवातक्षयापहम् ॥ २०० ॥
पित्तक्रत्स्रंसनं स्वर्ये विह्नक्रद्वनत्रशोधनम् ।।

Tālisa patra (Abies webbiana Lindl.)

Tālisa patra is sharp and hot. It alleviates kapha and vāta. It cures kṣaya (consumption). It aggravates pitta. It is laxative (sramsana). It promotes good voice and digestive power. It also cleanses mouth.

188 कषाया मध्रा रूक्षा कासघ्नी वंशरोचना ॥ २०१ ॥

Vamsa rocanā (Bamboo manna.)

 $Va\dot{m}\dot{s}a\ rocan\bar{a}$  is astringent, sweet and ununctuous. It cures  $k\bar{a}sa$  (bronchitis).

तुंगाक्षीरी क्षयश्वासकासघ्नी मधुरा हिमा।

Tugāksīrī

Tugākṣīrī cures kṣaya (consumption), śvāsa (asthma) and  $k\bar{a}sa$  (bronchitis). It is sweet and cooling.

बासकः कासवैस्वर्य रक्तिपत्तकफापहः ॥ २०२ ॥ 139 140 'तृषाक्वासज्वरच्छिदिमेहकुष्ठक्षयापहः ।

Vāsaka (Adhatoda vasica Nees)

Vāsaka cures kāsa (bronchitis), vaisvarya (impairment of voice), raktapitta (a disease characterised by bleeding from different parts of the body), aggravated kapha, tṛṣā (morbid thirst), śvāsa (asthma), jvara (fever), chardi (vomiting), meha (obstinate urinary disorders including diabetes), kuṣṭha (obstinate skin diseases including leprosy) and kṣaya (consumption).

कुमारी भेदनी शीता यक्तत्प्लीहकफज्वरान् ॥२०३॥ निहन्ति वह्निविस्फोटपित्तरक्तत्वगामयान् ।

# Kumārī (Aloe barbadensis Mill.)

Kunārī is bhedana (purgative) and cooling. It cures yakṛt (diseases of liver), plihan (diseases of spleen), aggravated kapha, jvara (fever), vahni visphoṭa (carbuncle), aggravated pitta as well as rakta and tvagāmaya (diseases of skin).

बल्याऽमृता त्रिदोषघ्नी ग्राहिण्युष्णारसायनी ।।२०४।।
141
दीपनी तृट्ज्वरछर्दीकामलावातरक्तजित् ।
कटुतिक्ता स्वाद्पाका लघ्वी दाहामकुष्ठनुत् ।।२०५।।

# Amṛtā (Tinospora cordifolia Miers)

Amṛtā promotes strength. It alleviates all the three doṣas. It is grāhī (constipative), hot, rejuvenating and digestive stimulant. It cures tṛt (morbid thirst), jvara (fever), chardī (vomiting), kāmalā (jaundice) and vāta rakta (gout). It is pungent, bitter, sweet in vipāka and light. It also cures dāha (burning syndrome), āma and kuṣṭha (obstinate skin diseases including leprosy).

शालिपणींपृश्चितपणींबृहतीद्वयगोक्षुरम् । वातिपत्तहर वृष्य कनीयः पञ्चमूलकम् ॥२०६॥

# Daśamūla

Śāliparņī, pṛśni parņī, bṛhatī, kaṇṭakārī and gokṣura—these five drugs taken together, are called kanīyas pañcamūla. It alleviates vāyu and pitta and it is aphrodisiac.

[श्रीफलः सर्वतोभद्रा पाटला गणिकारिका । 142 इयोनाकः पञ्चभिश्चैतैः पञ्चमूलं महन्मतम् ॥२०७॥]

Śrīphala, sarvato bhadrā, pāṭalā, ganikārikā and śyonāka—these five drugs taken together are called mahat pañcamūla.

एताम्या पञ्चमूलाम्या दशम्लमुदाहृतम् । दोषत्रय-श्वासकासशिरःपीडापतन्त्रकान् । तन्द्रीशोथज्वरानाहारुचिपार्श्वरुजो जयेत् ॥२०५॥

All these ten drugs included both in kanīyas pañcamūla and mahat pañcamūla taken together are called daśamūla. It cures doṣa traya (aggravated vāyu, pitta and kapha), śvāsa (asthma), kāsa (bronchitis), śiraḥ pīdā (headache), apatantraka (convulsion), tandrī (drowsiness), šotha (oedema), jvara (fever). ānāha (tymphanitis), aruci (anorexia) and pārśva ruk (pain in the sides of the chest).

मन्याहनुश्रवणलोचननासिकास्यभूशंखदन्तगलतालुश्चिरोविकारान् ।
कुष्ठानि हन्ति दशमूलकपायपीतं क्वाथेन वा सहफलत्रितयोद्भवेन ॥२०६॥

Decoction of these ten drugs belonging to the group of daśamūla or the decoction of harītakī, bibhītaka and āmalakī (triphalā) along with these ten drugs belonging to daśamūla group cures diseases of manyā (sternomastoid region), hanu (mandibles), śravaṇa (ears), locana (eyes), nāsikā (nose), āsya (mouth), bhrū (eye brows), śankha (temporal region), danta (teeth), gala (throat), tālu (palate) and śiras (head). It also cures kuṣṭha (obstinate skin diseases including leprosy).

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न्यग्रोधोदुम्बराइवत्थपारिषप्लक्षपादपाः ।
पञ्चैते क्षीरिणो वक्षास्तेषां त्वक् पञ्चवत्कलम् ॥२१०॥

Pañca kṣīri vṛkṣa and Pañca valkala

Nyagrodha, udumbara, aśvattha, pāriṣa and plakṣa—these five are called ksīri vṛkṣas (trees having milky latex). Barks of all these five trees taken together are called pañca valkala.

144 केचित्तु पारिषस्थाने **शिरोषं वेतसं** परम् ।

Some physicians use  $\dot{siri}$ , and some others use vetasa in the place of  $p\bar{a}ri$ , included in this group of drugs.

क्षीरिवृक्षाः हिमाः वर्ण्याः योनिदोषव्रणापहाः ॥२११॥

रूक्षाः कषायाः मेदोघ्नाः वीसर्पामयनाशनाः ।

शोथपित्तकफास्नद्दाः स्तन्यभग्नास्थियोगदाः ।

Kṣīri vṛkṣas are cooling. They promote complexion (varṇya) and cure yoni doṣa (ailments of the female genital tract) and vraṇa (ulcer). They are ununctuous, and astringent. They cure medas (adiposity), visarpa (erysipelas), śotha (oedema) and vitiated pitta, kapha as well as blood. They promote lactation and help in the union of fractured bones.

त्वक्षञ्चकं हिमं ग्राहि त्रणशोथविसपंजित् ॥२१२॥

Pañca valkala is cooling and constipative. It cures vrana (ulcer), śotha (oedema) and visarpa (erysipelas).

अथ धातूपधातु-रसोपरस-रत्नोपरत्न-विषोपविषगुणाः

तत्रघातुलक्षणम्

'स्वर्ण तारं च ताम्रं च वंगं नागस्तु पञ्चमः । 145 रीतिका च तथा कांस्यं लोहं चेत्यष्टधातवः ॥२१३॥

Properties of Dhātu, Upadhātu, Rasa, Uparasa, Ratna, Uparatna, Viṣa and Upaviṣa.

Description of Dhātus

Svarṇa (gold), tāra (silver), tāmra (copper) vaṅga (tin), nāga (lead), rītikā (bell metal), kāṁsya (brass), loha (iron)—these eight are called dhātus.

'वलीपिलतखालित्यकार्श्याबत्यजरामयान् । 146 निवार्यनृणां दधित देहं तद्धातवो मताः ॥२१४॥ [भाव प्रकाशः पूर्वेखण्डः धात्वादिवर्गे ६:२]

They are called *dhātus* because they sustain (*dadhati*) the body of human beings by curing *valī* (premature wrinkles), *palita* (premature graying of hair), *khālitya* (baldness), *kārśya* (emaciation), *abalya* (weakness), *jarā* (old age) and *āmaya* (diseases).

# सुवर्णोत्पत्तिलक्षणगुणाः ---

'पुरा निजाश्रमस्थाना सप्तर्षीणां जितात्मनाम्।

पत्नीं विलोक्य लावण्यलक्ष्मीःसम्पन्नयौवनाः ॥२१४॥
कन्दर्पदर्पविध्वस्तचेनसो जानवेदसः ।
147
पतित यद्धरापृष्ठे रेतस्तद्धेमतामगात् । २१६॥
कृत्रिमञ्चापि भवति तद्रसेन्द्रस्य वेधतः ।

# Origin and description of Gold

#### Mythology

In the days of yore, Jātavedas (Agni or Fire god) became passionately excited when he saw the extremely beautiful, auspicious and youthful wives of the self controlled seven sages (Saptarṣis) in their hermitages. The semen he, thus, ejaculated fell upon the earth which became gold. Gold is also prepared artificially by the vedhana (a specific method of processing) of mercury.

148 दाहे रक्तं सित छेदे निकषे कुङ्कुमप्रभम्।। २१७।। 149 150 तार शुल्वोत्थितं स्निग्धं मृदु तद्गुरु शस्यते ।

# Good quality

The gold which becomes red when burnt, white when cut and like saffron when rubbed over *nikaşa* (a specific type of stone used for testing the genuineness of gold), which is prepared out of silver or copper and which is unctuous, soft and heavy is the best.

151 152 श्वेतांगं कठिनं रूक्ष विवर्णं समलं दलम् ।। २१ प्र ।। 153 दाहे छेदेऽसितं श्वेतं घर्षेऽस्फुट लघु त्यजेत् ।

# Bad quality

The gold which is partially white, hard, ununctuous and discoloured, which is associated with impurities, which has pieces like leaves, which becomes black in burning or cutting, which does not produce clear colour when rubbed over nikaṣa and which is light should not be used in medicine.

सुवर्णं शीतल वृष्यं बल्यं गुरु रसायनम्' ॥ २१६ ॥

[भावप्रकाशः पूर्वखण्डः धातूपधातुवर्गं द : ३-५ द-१०]

स्वादुपाकरस तिक्तं हृद्यं तु वरलेखनम् । 154 'पवित्रं बृंहणं नेत्र्य मेधास्मृतिविशुद्धिदम् ॥ २२०॥ 155 हृद्यमायुष्करं कान्तिवाग्विशुद्धिस्थरत्वकृत् ।

विषद्वयक्षयोन्मादित्रदोपज्वरशोषिजत ॥ २२१ ॥

#### **Property**

Gold is cooling, aphrodisiac, strength promoting, heavy, rejuvenating, sweet in *vipāka* and taste, bitter, cardiac tonic exceedingly depleting (*vara lekhana*), *pavitra* (remover of sins), nourishing and promoter of eye sight. It purifies intellect and memory, and promotes longevity. It also purifies complexion and voice. It causes steadiness. It cures both the types of *viṣa* (poisoning), *kṣaya* (consumption), *unmāda* (insanity), vitiation of all the three *doṣas*, *jvara* (fever) and *śoṣa* (phthisis).

वलं सवीर्यं हरते नराणा रोगव्रजं पोपयतीह काये ।
ग्रमौल्यकार्यं च सदैव हेमापक्व मदोप मरण करोति ॥ २२२ ॥

#### Adverse effects

When gold is used without proper processing, it takes away strength and energy, helps manifestation of several diseases, causes discomfort and because of its toxicity even causes death.

तिपुरस्य वधार्थाय निर्मिमेषैर्विकोचनै. ।

निर्गक्षियामास शिव. क्रांधेन पिरपूरितः ।। २२३ ॥

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ततस्तून्का समापतत्तस्यैकस्माहिलोचनात् ।

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तस्मादुद्रः समभवद्वैश्वानर इव ज्वलन् ॥ २२४ ॥

द्वितीयादपतन्नेत्रादश्रुबिन्दुस्ते वामकात् ।

159 तस्माद्रजतमुद्भूतमुक्तकर्मसु संस्थितम् ॥ २२५ ॥ [भावप्रकाशः पूर्वेखण्डः धातूपधातुवर्गे ८ : ११-१२, १४-१६]

#### Silver

#### Mythology

When lord Siva, full of anger, looked without twinkling of eyes for killing the demon Tripura, then from one of his eyes a meteor  $(ulk\bar{a})$  fell down which gave birth to Rudra who was dazzling like fire. From the left eye drops of tears fell down which gave birth to silver and this is used for all different purposes.

<sup>180</sup> कृत्रिमं चापि तत्प्रोक्तं वं<mark>गादेः रसयो</mark>गतः ।

It is also prepared artificially by adding vanga (tin) etc., to processed mercury.

गुरुः स्निग्ध मृदुः श्वेतं दाहस्रेदघनक्षमम् ॥२२६॥ 161 वर्णाढ्यं चन्द्रवत्स्वच्छं तारे नवगुणाः स्मृताः ।

# Good quality

Heaviness, ununctuousness, softness, white colour, power to stand burning, cutting and pressure (ghana), good colour, pure appearance like moon—these are the nine qualities of good silver.

कठिनं कृत्रिम रूक्षं रक्तं पीतदलं लघुः ॥२२७॥ दाहच्छेदधनेर्नेष्टं रुप्ये दोषा दशस्मृताः ।

# **Bad quality**

Hardness, artificial preparation, ununctuousness, redness, yellowness, fragility (dala), lightness and getting destroyed by burning, cutting or pressure (ghana)—these are the ten defects in silver.

162 रूप्यं शीतं कषायाम्लं स्वादुपाकरसं सरम् ॥२२८॥ वयसः स्थापनं स्निग्धं लेखनं वातिपत्तिजित्। 163 प्रमेहादिकरोगांश्च नाशयत्यचिरं ध्रुवम् ॥२२६॥

# **Properties**

Silver is cooling, astringent and sour in taste, sweet both in vipāka and taste, and laxative. It prevents aging. It is unctuous and lekhana (depleting). It alleviates vāta and pitta. It certainly cures diseases like prameha (obstinate urinary disorders including diabetes).

तारं शरीरस्य करोति तापं विघ्वसनं यच्छति शुक्रनाशम् । 165 सपाटवं वीर्यवलं निहन्ति महान्गदान्पोपयतीत्यगुद्धम् ॥२३०॥

#### Adverse effects

Asuddha (not properly processed) silver produces excessive heat  $(t\bar{a}pa)$  in the body and causes its destruction. It destroys semen, efficiency, energy and strength. It gives rise to many serious diseases  $(mah\bar{a}gada)$ .

श्कः यत्कार्तिकेयस्य पतितं धरणीतले । तस्मादेतत्समुद्भूतं ताम्नमाहुः पुराविदः ॥२३१॥ [भावप्रकाशः पूर्वेखण्डः धातूपधातुवर्गं =:१७,१६-२२]

Tāmra (Copper)

# Mythology

According to scholars well versed in the purāṇas, the semen of Kārtikeya which fell on the earth gave rise to tāmra (copper).

167 कृष्णं रूक्षमितस्तब्धं श्वेत चापि घनासहम् । 168 लौहनागयुत चेति शुल्वं स्याद्दोषसप्तकम् ।

# **Bad** quality

Black colour, ununctuousness, excessive compactness, white colour, inability to tolerate pressure (ghana), mixture of

iron and lead—these are the seven defects in copper of bad quality.

ताम्रं कषाय मधुरं सितक्तं स्याद्रोपणं बृंहणमल्पमेव ॥२३२॥ [भावप्रकाशः पूर्वखण्डः धातुपधातुवर्ग =:२५-२६]

पित्तोदरार्शःकृमिकुष्ठपीनसञ्लेष्मक्षयघ्नं ज्वरशूळनुद्धिमम्।

# **Properties**

Copper is astringent, sweet and bitter. It is ropaṇa (healer of ulcers) and slightly bṛmhaṇa (nourishing). It cures aggravated pitta, udara (obstinate abdominal diseases including ascitis), arśas (piles), kṛmi (parasitic infection), kuṣṭha (obstinate skin diseases including leprosy), pīnasa (chronic rhinitis), aggravated kapha, kṣaya (consumption), jvara (fever) and śūla (colic pain). It is cooling.

न विषं विषिमत्याहुस्ताम्च तु विषमुच्यते ॥ २३३ ॥
एको दोषो विषे सम्यक् ताम्चे त्वष्टौ प्रकीर्तिता ।
भ्रमो मूच्छा विदाहश्च स्वेदोत्वलेदनवान्तयः ॥ २३४ ॥
ग्रस्विश्चित्तसंताप एते दोषा विषोपमा. ॥

# Adverse effects

Poison is not the real poison. It is copper (not processed properly) which is the real poison. Poisons have only one adverse effect whereas copper (which is not processed properly) has eight types of adverse effects. These are bhrama (giddiness), mūrcchā (fainting), vidāha (burning sensation), sveda (excessive sweating), utkledana (production of stickiness in the body), vānti (vomiting), aruci (anorexia), citta santāpa (excessive discomfort in mind)—these are the eight types of adverse effects which are like poisoning effects.

खुरकं मिश्रकञ्चेति द्विविधं वङ्गमुच्यते ॥ २३५ ॥

[आयुर्वेदप्रकाश ३: १४८]

169 **खुरक**≆च गुणैश्रेंष्ठं मिश्रकं त्वहितं मतम् ।

# Vanga (Tin)

#### Variety

Vanga is of two types. They are called khuraka and miśraka. Of these two, khuraka type of vanga is very useful in therapeutics whereas the miśraka type is harmful.

170 बंगं लघु सरं रूक्षमुष्णं मेहकफक्रमीन् । 171 निहन्ति पाण्डु सश्वासं दृश्यमीषत् पित्तलम् ॥२३६॥

[आयुर्वेद प्रकाश ३:१५०]

# **Property**

Vanga is light, laxative, ununctuous and hot. It cures meha (obstinate urinary diseases including diabetes), kapha; kṛmi (parasitic infection), pāṇḍu (anemia) and śvāsa (asthma). It is good for eye sight and it slightly aggravates pitta.

172 सिहो यथा हस्तिगणं निहन्ति तथैव बङ्गेऽखिलमेहवर्गम् । 173 देहस्य सौख्य प्रबलेन्द्रियत्व कृशस्य पृष्टि कुरुते नरस्य ॥२३७॥

[भ्रायुर्वेदप्रकाश ३:१५१]

As a lion kills a horde of elephants, similarly, vanga cures all types of meha (obstinate urinary disorders including diabetes). It causes happiness of the body and promotes the strength of sense organs. It nourishes an emaciated person.

दृष्ट्वा भोगिसुतां रम्यां वासुकिस्तु मुमोच यत् । वीर्यं जातस्ततो **नागः** सर्वरोगापहो नृणाम् । [ब्रायुर्वेदप्रकाश ३:१८४]

# Nāga (Lead)

# Mythology

The semen ejaculated by  $V\bar{a}suki$  after seeing the beautiful daughter of Bhogi gave rise to  $n\bar{a}ga$  (lead). It cures all diseases of human beings.

सीसं वंगगुणं ज्ञोयं विशेषान्मेहनाशनम् ।। २३८ ।। [स्रायुर्वेदप्रकाश ३:१८४]

**Property** 

Nāga shares all the properties of vanga. However, the former specifically cures meha (obstinate urinary disorders including diabetes).

न गस्तु नागशततुल्यबलं ददाति
व्याधिं च नाशयति जीवनमातनोति ।

विह्नं प्रदीपयित कामबलं करोति

मृत्यु च नाशयित सततं सेवितः सः।

[आयुर्वेदप्रकाश ३:१८७]

Nāga (Lead) endows a person with the strength of one hundred nāgas (cobras), cures diseases, promotes longevity, stimulates digestion, increases the strength for sexual act and prevents death if used constantly.

पाकेन हीनो खलु वंगनागौ कुष्ठानि गुल्मांक्च तथाऽतिकुष्ठान् ॥२३६॥

[ग्रायुर्वेदप्रकाश ३ : १८६]

पाण्डुप्रमेहानपि वातशोफभगन्दरहिवत्रिकलासञ्चलान् ।

विषोपम रक्तविकारवृन्दं क्षयं च क्रुच्छ्राणि कफं ज्वरं च।

मेहारमरी विद्रधि मुखरोगान्नर्तीश्च नित्यं कुरुतेऽबलत्वम् ।

# Adverse effects

Use of nāga (lead) and vaiga (tin) without proper processing causes kuṣṭha (obstinate skin diseases including leprosy), gulma (phantom tumour), atikuṣṭha (?), pānḍu (anemia), prameha (obstinate urinary disorders including diabetes), śopha (oedema) caused by vāyu, bhagandara (fistula-in-ano), śvitra (leucoderma), kilāsa (a type of leucoderma) and śūla (colic pain). They are like poisons and cause rakta vikāra (diseases çaused by the vitiation of blood), kṣaya (consumption), kṛcchra

(dysuria), aggravation of kapha, jvara (fever), aśmarī (stone in urinary tract), vidradhi (abscess), mukharoga (diseases of mouth), arti (pain) and nitya abalatva (progressive weakness).

रीतिका काकतुण्डी च द्विविधा सा प्रकीनिता । संतप्ता काजिके क्षिप्ता ताम्राभा रीतिका मता ।।२४१।।

एवं च जायते कृष्णा काकतुण्डीति सा मता ।

Rītikā (Bell metal)

# Variety

This is of two types viz.,  $r\bar{\imath}tik\bar{a}$  and  $k\bar{a}katun\bar{q}\bar{\imath}$ . If the metal is heated and dipped into  $k\bar{a}\tilde{n}ji$  (vinegar) and it becomes copper-coloured then it should be known as  $r\bar{\imath}tik\bar{a}$ . If it becomes black in colour, then it is  $k\bar{a}katun\bar{q}\bar{\imath}$ .

गुर्बी मृद्धी च पीताभा स्फारांगीं त्रोटनाक्षमा ॥२४२॥
सुस्निग्धा मसृणांगी च रीतिरेतादृशी शुभा।

# Good quality

Rītikā which is heavy, soft, yellowish in colour, dazzling (sphārāngī), troṭanākṣama (difficult to break), unctuous and smooth is of good quality.

स्तब्धा रूक्षा खरा श्वेता रक्तातीव घनासहा ।।२४३॥ १७४ पुटगा च मलैर्युक्ता रीतिका न शुभा मता ।

# Bad quality

Rītikā which is stabdha (compact), ununctuous, rough, white, excessively red, ghanāsaha (intolerant of pressure), puṭaga (having layers) and associated with impurity (mala) is not useful.

'रीतिकायुगल सूक्ष्मं सितक्तं लत्रण रसे । 175 शोधन पाण्डुरोगघ्न कृमिघ्न नातिलेखन' ॥२४४॥

[भावप्रकाशः पुर्वखण्डः धातूपधातुवर्ग = : ७५]

Property

Both the types of  $r\bar{t}ik\bar{a}$  are  $s\bar{u}ksma$  (subtle), bitter and saline in taste and cleansing. They cure  $p\bar{a}ndu$  (anemia) and krmi (parasitic infection). It is not a depletive (lekhana) in excess.

कांस्यं कषाय तिक्तोष्णं लेखनं विशदं सरं।
रूक्षं गुरु च चक्षुष्यं कफिपत्तहरं परम्।।२४५॥

Kāmsya (Brass)

Kāmsya is astringent, bitter, hot, lekhana (depletive), viśada (non-slimy), laxative, ununctuous and heavy. It promotes eye sight and alleviates kapha and pitta.

पुरा लोमिलदैत्याना निहतानां सुरैर्युधि । 177 उत्पन्नानि शरीरेभ्यो **लोहानि** विविधानि च ॥२४६॥

[ब्रायुर्वेदप्रकाश ३ : २०४]

# Loha (Iron)

# Mythology

In the days of yore, different types of *lohas* came out from the bodies of the *lomila daityas* (a group of demons) when they were killed during their war with the gods.

'लोहं तिक्तं सरं शीतं कषायं मधुरं गुरु ।

रक्षं वयस्यं चक्षुष्यं लेखनं वातलं जयेत् ।।२४७।।

कफं पित्तं गर शूल शोफार्शः प्लीहपाण्डुताम् ।

मेदोमेहकृमीन्कुष्ठ तिह्कट्टं तद्वदेव हि ।। २४८॥

# Property

Loha is bitter, laxative, cooling, astringent, sweet, heavy, ununctuous, vayasya (promoter of longevity) and cakṣuṣya (promoter of eye sight). It aggravates vāyu and alleviates kapha and pitta. It cures gara (poisoning), śūla (colic pain), śopha

(oedema), arśas (piles), plīhan (splenic disorder), pāṇḍutā (anemia), medas (adiposity), meha (obstinate urinary disorders including diabetes), kṛmi (parasitic infection) and kuṣṭha (obstinate skin diseases including leprosy).

Its kitta which is called mandūra (rust of iron) shares all the properties of iron.

गुरुता दृढतोत्क्लेद कश्मलं दाहकारिता। ग्रश्मदोषः सुदुर्गन्धो दोषाः सप्तायसस्य च ॥२४६॥

# Bad quality

Gurutā (heaviness), dṛḍhatā (sturdiness), utkleda (stickiness), kaśmala (impurity), dāhakāritā (producing burning sensation), aśmadoṣa (adulteration with stone?) sudurgandha (foul smell)—these are the seven defects of iron.

षढत्वकुष्ठामयमृत्युदंतद्हृद्रोगशूलौ कुष्तेऽरुमरी च।
नानाष्णानां च तथा प्रकोपं
करोति हुल्लासमगुद्धलोहम् ॥२५०॥

# Adverse effects

Loha, which is not properly processed, causes sandatva (impotency), kuṣṭha (obstinate skin diseases including leprosy), mṛṭyu (death), hṛdroga (heart disease), śūla (colic pain), aṣmarī (stone in urinary tract), aggravation of different types of pain and hṛllāsa (nausea).

जीवहारि मदकारि चायस चेदगुद्धिमदसंस्कृत ध्रुवम् ।
179
पाटवं न कुरुते शरीरके दारुणं हृदि रुजं च यच्छिति ॥२५१॥
[आयुर्वेदप्रकृश्च ३:२१८-२२५]

If loha which is not properly processed is taken then it takes away the life, produces intoxication, does not produce energy in the body and causes acute pain in the heart.

कूष्माण्ड तिलतैलं च माषान्नं राजिकां तथा।
180
मद्यमम्लरस चैव त्यजेल्लोहस्य सेवकः ।। २५२।।

[म्रायुर्वेदप्रकाश ३: २२६]

#### **Prohibition**

Persons using loha should give up kusmanda, til oil, masa, rajika, madya (alcoholic drinks) and  $amla\ rasa$  (things having sour taste).

लोह साराह्मयं श्रेष्ठं तस्य लक्षणमुच्यते ।
181
क्षमाभृच्छिखराकारन्यंगान्ये [न्यम्लेनमदिते] ।।२५३।।
दृश्यन्ते यत्र सूक्ष्माणि सारं लोहेषु तद्वदेत् ।

Sāra loha

Sāra loha is the best among irons. It is kṣamābhṛt (stands to pressure) and śikharākāra (tapering in shape). When triturated with sour juice it leaves small dust-like particles.

लौहं साराह्वयं हन्याद्ग्रहणीमितसारकम् ॥ २५४ ॥ ग्रर्थंसर्वागजं वातं शूलं च परिणामजम् । छिदपीनसिपत्तं च श्वासं चाशु नियच्छिति ॥२५५॥

# **Property**

Sārā lauha immediately cures grahaņī (sprue syndrome), atisāra (diarrhoea), aggravation of vāyu in half of the body or all over the body, pariņāmaja śūla (colic pain which appears during the process of digestion of food), chardi (vomiting), pīnasa (chronic rhinitis), aggravated pitta and śvāsa (asthma).

यत्पात्रे न प्रसरित जले तैलिबिन्दुः प्रतप्ते ।
182 183
हिंगुर्गन्धं त्यजित च निजं तिक्ततां निबकल्कः ।। २५६ ।।
तप्तं दुग्धं भवति शिखराकारकं नैति भूमिम् ।
कृष्णागः स्यात्सजलचणकः कान्तलोहं तदक्तम् ।। २५७ ।।

#### Kānta loha

In a pot of kānta loha containing hot water if a drop of oil is put then the oil does not spread. Hingu (asafoetida) loses its foul smell and the paste of nimba loses its bitterness when put in such a pot. If milk is boiled in this pot, then it goes up in the form of a śikhara (pyramid) but does not fall down. It becomes black when caṇakāmla (sajala caṇaka) is kept in this pot.

गुल्मोदरार्शः शूलममामवातं भगन्दरम् । कान्त तत्कामलाशोफकुष्ठक्षयरुजोहरेत् ॥ २५८ ॥ देहपुष्टिबलस्थैर्य दत्त जनयते सुतान् । 184 रक्तप्लीहप्रशमनमम्लपित्त शिरोरुजम् ॥ २५६ ॥ सर्वान् रोगान्विजयते कान्तलोहं न संशयः ।

# **Property**

Kānta loha cures gulma (phantom tumour), udara (obstinate abdominal diseases including ascitis), aršas (piles), šūla, (colic pain), āma, āmavāta (rheumatism), bhagandara (fistula-inano), kāmalā (jaundice), šopha (oedema), kuṣṭha (obstinate skin diseases including leprosy), kṣaya (consumption) and ruk (pain). It gives nourishment to the body and promotes strength and stability. It helps in the procreation of children. It alleviates vitiation of blood, plīhan (diseases of spleen), amla pitta (hyper acidity of stomach) and śiroruk (headache). Kānta loha cures all these diseases undoubtedly.

शताब्दमुत्तमं किट्ट मध्यं चाशीतिवार्षिकम् । 186 अधमं पष्ठिवार्षीय ततो हीन विषोपमम् ।। २६० ।।

[आयुर्वेदप्रकाश ३ : २६०-२६१]

# Loha kitta (Rust of Iron)

Loha kitta which is one hundred years old is the best, eighty years old is mediocre and sixty years old is inferior. Rust of iron which is less than sixty years old is like poison.

योजयेल्लोहवत्सर्व लोहस्थाने च तन्मलम् । तिकट्ट तद्गुण ज्ञेय विशेषात्पाडुनाशनम् ॥ २६१ ॥

In the place of *loha*, its *mala* (rust) can be used in all diseases because the latter shares all the properties of the former. Moreover, its *mala* (rust) is specifically indicated in the treatment of *pāndu* (anemia).

किट्टाइ्शगुणं मुण्डं मुण्डातीक्ष्णं शताधिकम् । तीक्ष्णाल्लक्षगुणं कान्तं भक्षणात्कुरुते बलम् ॥ २६२ ॥

[म्रायुर्वेदप्रकाश ३: २६४]

From kiţţa (mandūra or rust of iron) munda loha is ten times effective, from munda loha, tīkṣṇa loha is hundred times effective and from tīkṣṇa loha, kānta is one lakh times effective in producing strength.

ग्रभ्नकं माक्षिकं तालं ज्ञिला नीलांजनं तथा । तुत्थकं रसकं चैते प्रोक्ताः सप्तोपधातवः ॥ २६३ ॥

# Upadhātus

Abhraka, mākṣika, tāla, śilā, nīlāñjana, tutthaka and rasaka—these seven are known as upadhātus.

'पुरा वधाय वृत्रस्य विष्णणा वष्प्रसुद्धृतम् ।

विस्फुलिंगास्ततस्तस्य गगनं परिसपिताः ॥ २६४ ॥

187
ते निषेतुर्धनध्वानाच्छिखरेषु महीभृताम् ।

188
तेभ्य एव समुत्पन्नं तत्तदि्गरिषु चाभ्रकम् ॥२६४॥

[ग्रायुर्वेदप्रकाश ३ : ८६-८७]

# Abhraka (Mica)

Mythology

In the days of yore, when Vajri (Indra) took out the vajra to kill the demon Vrtra, then visphulingas (fire particles) from

that vajra spread over the sky and because of the thundering sound of the clouds fell on the tops of mountains. Thus, abhraka took birth in those mountains.

कदाचिद्गिरिजा देवी हर दृष्ट्वा मनोहरम्।
मुमोचयत्तदावीर्य तज्जातं शुभमभ्रकम् ॥ २६६॥

Once upon a time, the goddess Girijā saw the extremely handsome Hara. The genital fluid (ovum) she then ejaculated gave rise to pure abhraka.

तत्र दक्षिणशैलेऽर्कशोपादल्पगुणं हि तत् । ग्रत्पसत्त्वं तदाधत्ते तस्य सत्त्व गुणप्रदम् ॥ २६७ ॥

#### Quality

Abhraka which is available in the southern mountains is inferior in quality because it gets dried by the strong heat of the sun. It produces less of sattva. However, this sattva is therapeutically useful.

त्रतस्तूत्तरशैलोत्थ वहुस<del>त्</del>व गुणाधिकम् ।

Abhraka which is available in northern mountains contains more of sattra and is therefore superior in quality.

तद्वज्ञ वज्रजातत्वादभ्रमभ्रग्वोद्भवात् ॥२६०॥ १८० गगनात्पतितं यस्माद्गगन च ततो मतम्॥

#### Derivation

It is called *vajra* because of its origin from thunder (*vajra*). It is called *abhra* because it is produced with the help of the cloud (*abhra*). Since it has fallen from the sky (*gagana*), it is called *gagana*.

विप्रक्षत्रियविट्शूद्रभेदात्तत्स्याच्चतुर्विधम् ।।२६६।।
क्रमेणैव सितं रक्तं पीतं कृष्णं च वर्णतः।
प्रशस्यते सितं तारे रक्तं चैव रसायने ।। २७० ॥

191 पीतं हेमनि कृष्णं तु गदेपु द्रुतयेऽपि च ।

#### Variety

It is of four types viz., vipra, kṣatriya, viṭ and śūdra and they are white, red, yellow and black respectively. The white variety is useful in the preparation of silver, red variety for rejuvenation therapy, yellow variety in the preparation of gold and the black variety for the treatment of diseases as well as for druti kriyā.

पिनाकं दर्दुरं नागं वज्र चेति चतुर्विधम् ।।२७१।।

मुञ्चत्यग्नौ विनिक्षिप्तं पिनाकं दलसंचयम् ।

ग्रज्ञानाद् भक्षणं तस्य महाकुष्ठप्रदायकम् ।।२७२।।

दर्दुरं त्विग्नगं चातिकुष्ठते दर्दुरध्विनम् ।

गोलकान्बहुशः कृत्वा स स्यान्मृत्युप्रदायकः ।।२७३।।

'नागं तु नागवद्वह्नौ फूत्कारं परिमुञ्चित । तद्भक्षितमवश्यं तु विद्याति भगन्दरम् ॥२७४॥ वज्र तु वज्रवत्तिष्ठेत्तन्नाग्नौ विकृति व्रजेत् । 192 सर्वाभ्रेषु वरं वज्रं व्याधिवार्धक्यमृत्युजित्' ॥२७४॥

It is also classified in four different ways viz., pināka, dardura, nāga and vajra. When placed on fire, the pināka variety of abhraka gives up leaves, and if because of ignorance, it is used, then it causes serious types of kuṣṭha (obstinate skin diseases including leprosy). The dardura variety of abhraka when placed on fire produces sound like a frog. It produces many golakas (abscesses?) and thus leads to death. The nāga variety of abhraka produces hissing (phutkāra) sound like that of a cobra, when placed on fire. This, when used, certainly produces bhagandara (fistula-in-ano). The vajra variety of ablraka stands on the fire like a vajra (thunder) without under-

going any change. Amongst all these varieties, the vajra type of abhraka is the best and it overcomes diseases, old age and even death.

ग्रभ्नं कषायं मधुरं सुशीतमायुष्करं धातुविवर्धनं च । हन्यात्त्रिदोषं व्रणमेहकुष्ठं प्लीहोदर ग्रन्थिविषं क्रमीश्च॥२७६॥

#### **Property**

Abhraka is astringent, sweet, exceedingly cooling and promoter of longevity and dhātus (tissue elements of the body). It alleviates all the three doṣas and cures vraṇa (ulcer), meha (obstinate urinary disorders including diabetes), kuṣṭha obstinate skin diseases including leprosy), plīhan (splenic disorders), udara (obstinate abdominal diseases including ascitis), granthi (adenitis), viṣa (poisoning) and kṛmi (parasitic infection).

रोगान्हिन्त दृढयित वपुर्वीर्यवृद्धि विधन्ते । तारुण्याद्यं रमयित शतं योपितां नित्यमेव ।।२७७॥ 193 दीर्घायुष्याञ्जनयित सुतान् सिहतुल्यप्रभावान् । मृत्योभीति हरित नितरां सेव्यमानं मृताभ्रम्।

Abhraka, when used in bhasma form, cures diseases, produces sturdiness of the body and increases semen. It produces youthfulness because of which a person can enjoy sex with one hundred ladies daily. It helps in the procreation of children endowed with longevity and strength like a lion. It takes away the fear of untimely death for ever.

194 पीडां विधत्ते विविधा नराणा कुष्ठ अय पाण्डुगद च नोथम्। [भावप्रकानः धानृपधानुवर्ग ८.१२०-१२२, १२४-१२६] 195 हत्पार्श्वपीडां च करोत्यगुद्धमभ्र त्वगुद्ध गुरुनापद स्यात्।

#### Adverse effect

Abhraka, which is not properly processed, produces

different types of pain, kuṣṭha (obstinate skin diseases including leprosy), kṣaya (consumption), pāṇḍu (anemia), śopha (oedema), hṛṭ pīḍā (pain in cardiac region), pārśva pīḍā (pain in the sides of the chest) and serious type of burning sensation in the body of human beings.

माक्षिकं द्विविधं प्रोक्तं पीतं शुक्लं च सर्वतः ॥२७६॥ तयो सुवर्णवर्ण तु विज्ञोयं प्रवरं जने.। Mākṣika (Copper pyrite)

Variety

 $M\bar{a}ksika$  is of two types viz., yellow and white. The golden colour (yellow)  $m\bar{a}ksika$  is considered to be the better.

196
'माक्षिकं मधुरं तिक्तं स्वयं वृष्यं रसायतम् ॥२८०॥
197
चक्षुप्यं वस्ति रुक्कुण्ठपाडुमेहविपोदरम् ।
198 199
ग्रर्शः शोफं क्षयं कण्ड् त्रिदोषं च नियच्छति ॥२८१॥

[आयुर्वेदप्रकाश ८.६-१०]

Property

 $M\bar{a}ksika$  is sweet, bitter, promoter of good voice, aphrodisiac and rejuvenating. It promotes eye sight and cures vastiruk (pain in bladder), kuṣṭha (obstinate skin diseases including leprosy), pānḍu (anemia), mɛha (obstinate urinary disorders including diabetes), viṣa (poisoning), udara (obstinate abdominal diseases including ascitis), arśas (piles), śopha (oedema), ksaya (consumption), kandū (itching) and all the three aggravated doṣas.

भंदानलत्वं बलहानिमुग्नां विष्टभतां नेत्रगदान्सकुष्ठान् । 200 करोति मालां व्रणपूर्वकं च शुध्यादिहीनं खलु माक्षिकं च ॥२८२॥ [श्रायुर्वेदप्रकाश ४:११]

#### Adverse effect

If mākṣika is used without proper processing then it

causes indigestion, extreme loss of strength, constipation, diseases of the eye, kuṣṭha (obstinate skin diseases including leprosy), mālā (cervical adenitis) and vraṇa (ulcer).

हरितालं कटु स्निग्ध कपायोप्ण हेरद्विषम् ।
201
कंडूकुष्ठास्यरोगास्रकफपित्तकचत्रणान् ॥ २८३॥
श्रियवेदेप्रकाश २:१७४]

# Haritāla (Yellow arsenic)

#### Property

Haritāla is pungent, unctuous, astringent and hot. It cures visa (poisoning), kaṇḍū (itching) kusṭha (obstinate skin diseases including leprosy), āsyaroga (diseases of the mouth), vitiated blood, kapha and pitta, kaca (diseases of hair) and vraṇa (ulcer).

हरति च हरितालं सौष्ठवं देहजातम्।
203
सृजति च बहुतापंम् मेहकृच्छाश्मपीडाम्।। २५४।।
वितरति कफवातान् स्नायुशोष करोति।
ह्यमृतमिहसमन्तात्कृष्ठरोगाश्च वेगात्।। २५४।।

#### Adverse effect

Haritāla (which normally works as a nectar), when used without proper processing, takes away the beauty of the body and produces excessive heat, meha (obstinate urinary diseases including diabetes). krechra (dysuria), asma (stone in the urinary tract) and  $p\bar{\imath}d\bar{a}$  (pain). It aggravates kapha and  $v\bar{a}ta$ , dries up  $sn\bar{a}yu$  (tendons and ligaments), and produces kustharoga (obstinate skin diseases including leprosy).

मनःशिला मन्दबलं करोति जन्तु श्रुव शोधनमन्तरेण। 204 मलस्य त्रन्ध किल मूत्ररोध सशर्कर कृच्छुगद च कुर्यात्।।२८६॥

[आयुर्वेदप्रकाश २ : २१७]

# Manaḥśilā (Realgar)

#### Adverse effect

Manaḥśilā used without śodhana (processing) certainly causes weakness, constipation, obstruction to micturation, śarkarā (gravels in the urinary tract) and krcchra (dysuria).

म्रतिदुर्घरमाध्माघ्नं विषमज्वरनाशनम् । रसायनं सुवर्णघ्नं लोहमार्दवकारकम् ॥ २८७॥

# Property

It cures serious types of ādhmāna (flatulence) and viṣama jvara (malarial fever). It is rejuvenating. It is suvarnaghna (which reduces gold into bhasma form) and lohamārdava kāraka (which causes softness in iron).

नेत्रामयहर हृद्य सोप्ण नीलाञ्जनं मतम्।
Nīlāñjana (Lead sulphide)

Nīlāñjana cures eye diseases. It is cardiac tonic and hot.

205
206
तुत्थकं कटुकं क्षारं कपाय वामक लघु ।। २८८ ।।

लेखन भदनं शीतं चक्षुष्य कफपित्तजित् ।

विपामकुष्ठकडूष्टनं तद्गुण खर्णरं स्मृतम् ॥२८६॥

आयर्वेदप्रकाश ८.३८-३६

Tutthaka and Kharpara (Copper sulphate and Zinc ore)

Tutthaka is pungent, alkaline, astringent, emetic, laghu, lekhana (depleting), purgative and cooling. It promotes eye sight and cures kapha as well as pitta. Is cures viṣa (poisoning), āma, kuṣṭha (obstinate skin diseases including leprosy) and kaṇḍū (itching).

Kharpara shares the properties of tuttha.

ये गुणास्तुत्थके प्रोक्तास्ते गुणाः **रसके** मताः।

Rasaka

Rasaka has the same properties as those of tuttha.

रसायनार्थिभिलोंकैः पारदोरस्यते यतः ॥२६०॥

ततो रस इति प्रोक्तः स च धातुरिति स्मृतः।

# Pārada (Mercury)

#### Derivation

It is called *rasa* because persons desirous of rejuvenation commonly use (*rasyate*) it. It is also called 'dhātu'.

207 शिवाङ्गान्निर्गतं तेजः पनितं घरणी तले ॥२६१॥ 208 नद्देहसारजानत्वाच्छ्वलवर्णमभूच्च तत् ।

# Mythology

It was produced from the *tejas* (semen) of Lord Siva which fell on the earth because of which it is white in colour.

क्षेत्रभेदेन विज्ञेयं शिववीर्य चतुर्विधम् ॥२६२॥
209
श्वेतं रक्तं नथा पीत कृष्णं च भविन क्रमात् ।
ब्राह्मणः क्षत्रियो वैश्यः शृदश्च खलु जातितः ॥२६३॥

# Variety

Depending upon the nature of the earth on which it was produced it is of four types viz., white, red, yellow and black. They are called brāhmaņa, kṣatriya, vaiśya and śūdra respectively.

शस्त श्वेतं रुजा नाशे रक्तं किल रसायने। धातुवादे तु तत्पीतं ले गतौ कृष्णमेव च ॥२६४॥

[भावप्रकाशः धातूपधातुवर्ग ५:५७-६६]

The white variety is useful in curing diseases. Red variety is used in rejuvenation. For dhātuvāda (preparing gold out of ordinary metals) yellow variety is used. Black variety is used for khe gati (moving in the sky).

210 स्वयं रसो भवेद्ब्रह्मा बद्धश्चैव जनार्दनः । 211 रिञ्जित क्रामितः स्तः साक्षाद्देवो महेश्वरः ॥२६५॥

#### Property

Pārada itself is Brahmā and after baddha (a special process by which mercury is made to stand strong heat without vaporisation), it is Janārdana. After rañjana and krāmaṇa samskāras (processes), the mercury becomes Maheśvara himself.

मूछित्वा हरित रुजं वन्धनमनुभूय खे गींत कुरुते ।
212
अजरीकरोनि हि मृतः कोऽन्यः करुणाकरः सूतात् ।।२६६॥

[भावप्रकाशः धातूपधातुवर्गं ८ : २३-२४]

After műrchanā samskāra, pārada cures diseases. After bandhana samskāra it enables a person to move in sky. After mārana (lit. death) samskāra it prevents death. In view of the above, who else (other than pārada) is more blissful?

पारदः पड्रसः स्निग्धस्त्रिदोपघ्नो रसायनः। 213 योगवाही महावृष्यः सदा दृष्टिबलावहः। सर्वामयहरः प्रोक्तो विशेषात्सर्वंकुष्ठनुत्।।२६७॥

Pārada has six rasas (tastes). It is unctuous. It alleviates all the three doṣas. It is rejuvenating, yogavāhin (which enhances the efficacy of other drugs when mixed) and exceedingly aphrodisiac. It always promotes eye sight and strength. It cures all diseases. It has special curative property for all types of kuṣṭha (obstinate skin diseases including leprosy).

भलं विषं विह्निगरीवचापलं ,

215

नैसर्गिकं दोपमुशन्ति पारदे ।

216

उपाधिजौ द्वौ त्रपुनागसंज्ञकौ

217 218

दोषौ च सूते कथितौ चिकित्सकैः ॥२६८॥

## Doșas and adverse effects

Mala, vișa, vahni, giri and capala-these are the naisargika (natural) doșas (defects) in pārada. It has two other doșas called trapu and nāga which are artificial (upādhija).

219
मलेन मूर्च्छा मरणं विपेन
दाहोऽग्निना कप्टतरः शरीरे।
220
देहस्य जाड्यं गिरिणा सदा स्या—
221
च्चापल्यनो वीर्यहर्ति च पुंसः।
222
वङ्गेन कुष्ठ भुजगेन गण्डो
223
भवेदनोऽसौ खलुशोधनीयः।।२६६॥

Mala doṣa causes mūrcchā (fainting), viṣa doṣa causes death, vahni doṣa causes burning sensation of serious type. Numbness and rigidity (jāḍya) appear in the body because of giridoṣa. Chapula doṣa destroys semen in the man. Vaṅga doṣa produces kuṣṭha (obstinate skin diseases including leprosy) and nāga doṣa produces ganḍa (goitre). Theiefore, it is necessary to make pārada free from all these doṣas through the process of śodhana before use.

संस्कारहीन खलु सूनराजं य सेवने तस्य करोति बाधाम् ।
224
देहस्य नाण विद्याति नून कुण्ठास्य रोगाञ्जनयेन्नराणाम ॥३००॥
[भावप्रकाण धातूपधातुवर्ग ८ ६१-६२, ६६-६७, १००]

If pārada is used without śodhana, than the person suffers from many serious maladies like kuṣṭha resulting in death.

## ग्रथोपरसा :

'गन्धको वज्रवैकान्तो वज्राभ्रं तालकं शिला।

खर्परं शिखि तुत्यं च विमलां हेममाक्षिकम् ॥३०१॥

225 :
कासीसं कान्तपाषाणो वराटांजनहिंगुलम् ।

कंकुष्ठं शंखभूनागं टंकणं च शिलाजतु ॥३०२॥ 226 उक्ता उपसरसा जानेद्रंच्यनिर्णयकारिभिः ।

#### Uparasa

Gandhaka, vajra, vaikrānta, vajrābhra, tālaka, śilā, kharpara, śikhituttha, vimalā. hema mākṣika, kāsīsa, kānta pāṣāṇa, varāta, añjana, hingula, kaṁkusṭa, śaṁkha, bhūnāga, tankaṇa and śilājatu—these are known as uparasas by persons well versed in the identification of drugs.

दरदस्त्रिविधः प्रोक्तश्चर्मारः गुकतुण्डकः ॥३०३॥

हसपांदस्तृत्तीयः स्याद्गुणवानुत्तरोत्तरम् ।

## Hingula (Cinnabar)

#### Variety

Darada or hingula is of three types viz., carmāra, śuka tuṇḍaka and harisa pāda. The latter ones are therapeutically better than the former ones.

चर्मारः शुक्लवर्णः स्यात्सपीतः शुक्ततुण्डकः। जपाकुसुमसङ्काको हंसपादो महोत्तमः।।३०४।। [भावप्रकाशः धातूपधातुवर्गः =:१०२-१०४]

Carmāra is white, śukatundaka is yellow and hamsa pāda is red like a flower of japā. The last one is the best.

तिक्तं कषायं कटुर्हिगुलं स्यान्तेत्रामयघ्त कफिपत्तहारि ।

हुल्लासकुष्ठज्वरकामलाष्च प्लीहामवातौ च गरं निहन्ति ॥३०५॥

[भावप्रकाशः धातूपधातुवर्गं द: १०५]

## **Property**

Hingula is bitter, astringent and pungent. It cures eye diseases, aggravated kapha as well as pitta, hṛllāsa (nausea), kuṣṭha (obstinate skin diseases including leprosy), jvara (fever), kāmalā (jaundice) plīhan (splenic disorders), āmavāta (rheumatism) and gara (poisoning).

227 'स्वेतद्वीपे पुरा देव्याः

क्रीडन्त्या रजसा [ऽऽ] प्लुतम् ।

228

दुकूलं तेन वस्त्रेण स्नातायाः क्षीरे नीरघौ ।

229

प्रसृतं यद्रजस्तस्माद्गन्धकः समजायन ॥३०७॥

## Gandhaka (Sulphur)

# Mythology

In the days of yore, in the Sveta  $dv\bar{v}pa$ , goddess  $P\bar{a}rvat\bar{i}$  was playing aquatic games in the  $k\bar{s}\bar{v}ra$   $s\bar{a}gara$  during her menstrual period. From her garments, the menstrual fluid got into the water from which gandhaka took its origin.

230
चतुर्घा गन्धक प्रोक्तो रक्तः पीतः सिनोऽसिनः ।
रक्तो हेमिकयामूक्तः पीतश्चैव रसायजे ॥३०८॥
बणादिलेपने श्वेतः श्रोटठ क्राणः सदुर्लभः ।

## Variety

Gandhaka is of four types viz, red, yellow, white and black. The red variety is used in processing (preparing) gold (hema kriyā). The yellow variety is used in rejuvenation therapy. The white variety is useful in ointments for ulcers. The black variety which is the best is extremely rare.

गन्धकः कटुकस्तिक्तो वीर्योप्णस्तुवरःसरः ॥३०६॥

पित्तलः कटुकः पाके कंडूविसर्पजन्तुजिन् ।

हन्ति कुप्ठक्षयप्लीहकफवानान् रसायनम् ॥३१०॥

[भावप्रकाश धान्पधानुवर्ग =: १०७-१११]

# **Property**

Gaudhaka is pungent, bitter, hot in potency, saline,

laxative, aggravator of pitta and pungent in  $vip\bar{a}ka$ . It cures kusiha (obstinate skin diseases including leprosy), ksaya (consumption) and plihan (splenic disorders). It alleviates kapha and  $v\bar{a}ta$ , and is rejuvenating.

अशुद्धो गन्धकः कुष्ठं तापं देहे करोति हि। सौख्य च रूपं च बलं

शुक्रमोजो हन्ति न संशयः ॥३११॥'

#### Adverse effect

Use of gandhaka which is not properly processed (aśuddha) causes kuṣtha (obstinate skin diseases including leprosy) and  $t\bar{a}pa$  (burning sensation). It undoubtedly takes away happiness, complexion, strength, semen and ojas.

233 'निदाघे धर्मसतप्ता धातुसारं धराधराः । निर्यासवन्प्रमुञ्चन्ति तन्ध्छलाजुतु कीर्तितम् ॥३१२॥

[म्रायुर्वेदप्रकाश ४:६६]

# Śilājatu (Mineral pitch)

The essence of stones which exudates from the mountains by the heat of the sun in summer is called *śilājatu*.

मधुर च मितक्तं च जपापुष्पिनभ च यत्। विपाके कटुकीतं च तत्सुवर्णस्य नि.सृतम्।।३१३।।

# Variety

The  $\dot{s}il\bar{a}jatu$  which comes out of stones of gold is sweet and bitter in taste, like the flower of  $jap\bar{a}$  in colour, pungent in  $vip\bar{a}ka$  and cooling.

'राजतं पाण्डुर शीतं कटुकं स्वादुपाकि च। तास्रान्मयूरकण्ठाभं तीक्ष्णमुष्णं च जायते।। ३१४।। 234 'लौहं जटायुपक्षाभं सतिक्तं लवणं भवेत्'। विपाके कटुकं शीत सर्वश्रे प्ठमुदाहृतम्' ॥३१५॥

[ग्रायुर्वेदप्रकाश: ४ : ६६-१००]

The silver type of  $\dot{sil}\bar{a}jatu$  is gray in colour, cooling, pungent in taste and sweet in  $\dot{vip}\bar{a}ka$ . The  $\dot{sil}\bar{a}jatu$  derived from  $t\bar{a}mra$  is like the peacock throat in colour, sharp and hot. The  $\dot{sil}ajatu$  derived from iron stone is like the feather of  $jat\bar{a}yu$  in colour and bitter and saline in taste. It pungent in  $vip\bar{a}ka$  and cooling. This is the best of all varieties.

यथाकमं वातिपत्ते श्लेष्मापन्ते कफे त्रिषु। विशेपतः प्रशस्यन्ते भेदा अश्मजतूद्भवाः ॥३१६॥

The first variety is useful in alleviating vāyu and pitta, the second and third varieties alleviate kapha and the fourth one alleviates all the three doṣas.

शिलाजं कटुतिक्तोप्णं कटुपाकं रसायनम् । 235 छेदि योगवहं हन्ति कफमेहाश्मृशकराः ॥३१७॥ मूत्रकुच्छ्रं क्षयं श्वासं वातार्शामि च पाण्डुताम् । 236 अपस्मारं तथोन्मादं शोफकुष्ठोदरक्रमीन् ॥३१८॥

भावप्रकाशः धात्पधातुवर्ग ५:५०-५२]

## Property

It is pungent and bitter in taste, hot, pungent in vipāka and rejuvenating. It is chedi (depleting) and yogavaha (which enhances the properties of other drugs). It cures aggravated kapha, meha (obstinate urinary diseases including diabetes), aśma śarkarā (stones and gravel in the urinary tract) mūtra krcchra (dysuria), kṣaya (consumption), śvāsa (asthma), aggravated vāyu, arśas (piles), pāṇḍu (anemia), apasmāra (epilepsy), unmāda (insanīty), śopha (oedema), kuṣṭhu (obstinate skin diseases including leprosy), udara (obstinate abdominal diseases including ascitis) and kṛmi (parasitic infection).

# म्रथरत्नोपरत्नलक्षणगुणा-

गरुत्मतेन्द्रनीलाद्याः प्रस्तरा रत्नसंज्ञकाः ।

मौक्तिकाद्युपरत्नं स्यादुत्पत्तिस्तस्य कथ्यते ॥३१६॥

Ratna and Uparatna (Jewels & costly stones)

#### Derivation

Stones like garutman and indranīla are called ratnas. Muktā etc., are called uparatnas. Now the derivation of this term is being described.

धनार्थिनो जनाः सर्वे रमन्तेऽस्मिन्नतीव यत्।

नना रत्नमिति प्रोक्तं शब्दशास्त्रविशारदैः ॥३२०॥

[भावप्रकाशः धातूपधातुरत्नोपरत्नवर्गं ८:१६८]

[ग्रायुर्वेदप्रकाश ५२]

Since people desirous of wealth indulge (ramante) in excess in these stones, therefore scholars of linguistics call them ratna.

इन्द्रपक्षीन्द्रसूर्येन्दुमणयः पुष्परागकः । वज्रवेड्यंगोमेदपद्यरागा ग्रमीनव ॥३२१॥

Туре

Indra, paksīndra, sūryendu, maņi, puṣpa rāga, vajra, vaidūrya, gomeda and padma rāga—these are the nine ratnas.

म्काविद्रमशंखाद्या रत्नोपमणयतस्तथा ।

Mukta, vidruma, śankha etc., are called uparatnas.

चक्षुष्याः लेखनाः शीताः कषाया मधुरा सराः ॥३२२॥

मंगल्या धारणादश्री ग्रहद्षिटविषापहाः ।

## **Property**

These ratnas and uparatnas are cakṣuṣya (promoter of eye sight), lekhana (depleting), cooling, astringent, sweet and laxa-

tive. Wearing them bestows auspiciousness and destroys the evil effects of graha (planets), duști (evil sight) and vișa (poisoning).

पूजार्थमात्मयोनेश्च ब्रह्मणा मृजतः किल ॥३२३॥
237
श्रकरोद्धिन्नमसुरः कैटमारूयः प्रतापवान् ।
तदाकुद्धस्य वदनाद्ब्रह्मणस्तेजसोनिधेः ॥३२४॥
कोधो विग्रहवान्भूत्वा निवपातातिदारुणः ।
स तं ददाहगर्जन्तमन्तकामं महाबलम् ॥३२४॥
ततोऽसुर घातियत्वा तन्तेजोऽवर्धताद्भुतम् ।
ततो विषादो देवानामभवन्तं निरोक्ष्य च ॥३२६॥
विषादजननत्वाच्च विषमित्यभिधीयते ।
ततः स्पष्टा प्रजा शेषा तदा नं क्रोधमीश्वरः ॥३२७॥
न्यस्तवान्सर्वभूतेषु स्थावरेषु चरेषु च।

Vişa (Poisons)

## **Mythology**

A powerful demon, who was created by Brahmā, created disturbance in the performance of rituals by the latter. Then Brahmā, the abode of all the powers (tejas) became very angry and from his mouth the terrifying anger came out in a corporeal form (vigrahavān) and fell on the roaring powerful demon and burnt him. After his death, that flame surprisingly expanded. Looking at this, the gods became exceedingly sad. Because of its property to cause sorrow (viṣāda), it is called viṣa. Then being requested by the remaining subjects, Iśvara withdrew that flame of anger and placed it in sthāvaras (those who do not move like vegetable kingdom, stone etc.,) and cara (those who move like animal kingdom).

यथाऽव्यक्तरसं तोयं आन्तरिक्ष महीगतम् ॥३२८॥ तेषु तेषु प्रदेशेषु रसं तं तं नियच्छति । 98 Materia Medica

एवमेव विषं यच्च द्रव्ये व्याप्यावतिष्ठते ॥३२६॥ स्वभावादेवतत्तस्य रस समन्वर्तते ।

As the rain water which has no manifested taste while in the sky, carries different types of tastes when it falls on the earth and comes in contact with different types of soil, similarly the *viṣa* acquires the taste of the substance in which it resides.

विषे यस्माद्गुणाः सर्वे तीक्ष्णाः प्रायेण सन्ति हि ॥३३०॥ विषं सर्वमतो ज्ञेयं सर्वदोषप्रकोपन्म ।

## **Property**

All the properties of viṣa are super imposed by sharpness  $(t\bar{\imath}kṣṇa)$ . Therefore, all types of poisons aggravate all the three dosas.

कालकूटोवत्सनाभः शृङ्गकश्च प्रदीपनः ॥ ३३१॥
हालाहलो ब्रह्मपुत्रो हारिद्रः सक्तुंकस्तया ।
सौराष्ट्रक इति प्रोक्ता विषभेदा ग्रमीनव।

## Variety

Kālakūţa, vatsanābha, śṛṅgaka, pradīpana, hālāhala, brahmaputra, hāridra, saktuka and saurāṣṭraka—these are the nine varieties of viṣa.

239 कालकूटः कृष्णवणॅरनन्तैविन्दुभिस्ततः ॥ ३३२॥

भ्रयं तु देवासुसमरे मालिनाम्नोऽसुरस्य शोणितात्समुत्पन्नस्य पिष्पल-सदृशस्य तरोः निर्यासः म्रहिछत्रमलयकोङ्कणश्रङ्कवेरपर्वतादिष्त्पद्यते ।

Kālakūţa is studded with innumerable black spots. It was originally produced from the blood of a demon called Māli during the war between the gods and the demons. It is the exudate of a tree having leaves like those of pippala. It is

available in the mountains like Ahichhatra, Malaya, Konkana and Srnigavera.

वत्सनाभः सिन्दुवारमदृशपत्रो वत्सनाभ्याकृतिः एत्तत्समीपे वक्षा न वर्षन्ते ॥ ३३३ ॥

Vatsanābha has leaves like those of sinduvāra and in shape it is like the umbilicus of a calf. No other tree grows near this plant.

वैश्यः पीतप्रमः शूद्रः कृष्णाभः स तु निन्दितः । 'रमायने विषं विप्रं क्षत्रिय देहपुष्टये' ॥ ३३४॥

[भावप्रकाशः विषोपविषवर्गे ६ : २०१]

कुष्ठनाशे प्रयुञ्जीत वैश्यं शूद्रं च चातुषु ।

Among them, the brāhmaṇa variety is gray (pāṇḍura) in colour, kṣatriya is red, vaiśya is yellow and śūdra is black. The last variety is not useful therapeutically. The brāhmaṇa (vipra) type of viṣa is useful in rejuvenation therapy; kṣatriya type is for nourishment of the body; vaiṣya type is for curing kuṣṭha (obstinate skin diseases including leprosy) and śūdra is for processing dhātus.

विषं प्राणहरं युक्त्या प्राणकुच्च रसायनम् ॥ ३३५॥ योगवाहि परं श्लेष्मवातहृत्सन्निपातिज्ञत् ।

## Property

Viṣa kills a person; but when used judiciously it gives life and works as a rejuvenating agent. It is an excellent yogavāhin (which enhances the properties of other drugs). It alleviates kapha and vāyu, and cures sannipāta (a condition created by the aggravation of all the three dosas).

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मर्कक्षीरं स्नुहोक्षीरं लांगली करवीरकः ।

गुंजाऽहिफेनो धुत्तूरः सप्तोपविषजातयः ॥ ३३६ ॥

[भावप्रकाशः धातूपधातुरत्नोपरत्नविषोपविषवर्ग ५ : २०५]

Upavişa (Subsidiary poisons)

#### Variety

Arka kṣīra, snuhīkṣīra, lāṅgalī, karavīraka, guñjā, ahiphena and dhuttūra—these are the seven upaviṣas (subsidiary poisons).

विशदो गैरिकः स्निग्धः कषायो मधुरोहिमः ।

## Gairika (Red Ochre)

Gairika is viśada (non slimy), unctuous, astringent, sweet and cooling.

स्वर्णगैरिकस्तु तद्वच्चक्षुप्यं तद्विशेषतः ॥ ३३७ ॥

A variety of it is known as svarna gairika. It shares all the properties of gairika. It is specially useful as a promoter of eyesight.

स्रोतोञ्जनं वर तत्र ततः सौवीरकाञ्जनम् ।

Srotoñjana & Sauvīrakañjana

As a promoter of eyesight, srotonjana is better than svarna gairika and sauvīrakānjana is better than srotonjana.

कफघ्न कटुकं तिक्तं छेदि सोष्णं रसायनम् ॥३३८॥

'चक्षुष्यं **श्वेतमरिचं** चक्षुष्या पीतरोहिणी।

Śveta marica & Pītarohinī

Šveta marica alleviates kapha. It is pungent, bitter, depleting, hot and rejuvenating. Šveta marica and pītarohiņī—both are also promoters of eyesight (cakṣuṣya).

वंदाकः कफवातास्ररक्षोत्रणविषापहः ॥ ३३६॥

#### Vandāka

Vandāka alleviates kapha, vāta and blood. It cures rakṣas (afflictions by evil spirits), vraṇa (ulcer) and viṣa (poison).

241 सक्षार उप्णवीर्यश्य **काचो** दृष्टिकरोऽञ्जनात् ।

#### Kāca

Kāca is alkaline and hot in potency. It promotes eye sight when used as a collyrium.

कासीसद्वयमम्लोप्ण तिक्त केश्यं दृशोहितम् ॥ ३४० ॥ हिनकण्डूविपश्वित्रशूलाघातकफानिलान् ।

#### Kāsīsa (Iron sulphate)

Both the types of kāsīsa are sour, hot, bitter and kešya (promoter of good hair). They also promote eyesight. They cure kaṇḍu (itching), viṣa (poison), śvitra (leucoderma), śūla (colic pain), āghāta (injury) and aggravated kapha as well as vāyu.

## शंखोदधिमलौ शीनौ कपायावनिलेखनौ ।

Sankha and Udadhimala (Conch-shell and Cuttle fish bone)

Sankha and samudraphena—both are cooling, astringent and atilekhana (exceedingly depleting).

242 ल**घशंखादयः** शीत. नेत्रम्बस्फोटनायना. ॥ ३४१ ॥

मिष्वद्रव्यगुण : १५३-१५६]

## Laghu śankha

Laghu śankha etc., are cooling. They cure netraruk (pain in eyes) and sphota (pustular eruptions).

'क्फपित्तविपातिष्नी सौराप्टी व्रणशोधनी।

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## Saurāştrī (Alum)

Saurāṣṭrī cures aggravated kapha as well as pitta and viṣa (poisoning). It is vraṇaśodhana (cleansing of ulcers).

पंकः पित्तास्त्रदाहघ्नो भग्नक्षयहितो हिमः ॥ ३४२ ॥

## Panka (Mud)

Panka alleviates pitta, vitiated blood and dāha (burning syndrome). It is useful in bhagna (fracture) and kṣaya (consumption). It is cooling.

243 केश्यो **हस्तिमद**श्वित्ररंजनो विषनाशनः ।

सर्वेषित्तमपस्मारकुष्ठदुष्टव्रणापह.' ॥ ३४३ ॥

[माधवद्रव्यगुणः विविधौपधिवर्गः १६८-१६६]

'चक्षुष्यः कट्तीक्ष्णोष्णमुन्मादकृमिनाशनः

#### Hasti mada

Hastimada is keśya (promoter of good hair). It gives colour to śvitra (leucoderma) and cures vişa (poison), aggravated pitta, apasmāra (epilepsy), kuṣṭha (obstinate skin diseases including leprosy) and duṣṭa vraṇa (serious type of ulcer). It promotes eyesight. It is pungent, sharp and hot. It also cures unmāda (insanity) and kṛmi (parasitic infection).

गोरोचनातिमाञ्जल्या विषालक्ष्मीग्रहापहा'।। ३४४।।

माधवद्रव्यगुण : विविधीषधिवर्ग : १७०]

## Gorocana (Ox bile)

Gorocana is exceedingly propitious and it cures vişa (poison), alakşmī (inauspiciousness) and graha (afflictions by evil planets).

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'सिन्दूरमुटणं वीसर्पकुष्ठकडूवियापहम् ।

भग्नमधानजनन व्रणशोधनरोपणम् ॥ ३४५ ॥

[माधवद्रव्यगुणः विविधौपधिवर्गः १६७]

#### Sindūra (Red oxide of lead)

Sind $\bar{u}ra$  is hot and it cures visarpa (erysipelas), kuṣṭḥa (obstinate skin diseases including leprosy) kaṇḍ $\bar{u}$  (itching) and viṣa (poisoning). It helps in the healing of fracture. It cleanses and heals ulcers.

"कमलं शीतल वर्ण्यः मधुर कफिपत्तजिन् । 245 "तष्णादाहास्त्रविस्फोटविपविसर्पनाशन" ॥ ३४६॥

शावप्रकाशः पूष्पवर्ग ५ : ३]

#### Kamala (Nelumbo nucifera Gaertn.)

Kamala is cooling, varnya (promoter of complexion) and sweet. It alleviates kapha and pitta. It cures tṛṣṇā (morbid thirst), dāha (burning syndrome), asra (vitiated blood), visphoṭa (pustular eruptions), viṣa (poisoning) and visarpa (erysipelas).

तम्मादल्पांतरगुणमन्यद्रक्तोत्पलादिक

Rol totpala (Nymphaea rubra Roxb.)

Raktotpala shares all the properties of kamala; but it is slightly inferior.

कुमुदं गिच्छिल स्निग्ध मधुर ह्लादि शीनल ।।३४७॥

[भावप्रकाशः पुष्पवर्ग ५: १५]

## Kumuda (Nymphaea alba Linn.)

Kumuda is slimy, unctuous, sweet. hlādi (pleasing) and cooling.

जातीद्वय लघूष्ण स्यात्तिक्त दोपत्रयापह ।

## 246 शिरोऽक्षिमुखदंतात्तिविषकुष्ठव्रणस्रजित् ॥ ३४८॥

## Jātī (Jasminum grandiflorum Linn.)

Both the varieties of jātī are light, hot and bitter. They alleviate all the three doṣas. They cure diseases of head, eyes, mouth, teeth, viṣa (poisoning), kuṣṭha (obstinate skin diseases including leprosy), vraṇa (ulcer) and vitiated blood.

ईपदुष्णं मरुत्यलेष्मनाशनं बहुगन्धकृत् । कामसजननं चापि करणकुषुमं मतम्।। ३४६ ॥

#### Karuṇa

The flower of karuna is slightly hot. It alleviates  $v\bar{a}yn$  and kapha. It is very fragrant and it stimulates passion.

'मिल्लिकोष्णालघुर्वृष्यातिक्ता च कटुका हरेत् । 247 वातपित्तास्यद्वद्रोगकृष्ठारुचिविषत्रणान् ॥ ३५०॥

## Mallikā (Jasminum sambac Ait.)

Mallikā is hot, light, aphrodisiac, bitter and pungent. It alleviates  $v\bar{a}yu$  and pitta and cures diseases of mouth and heart, kustha (obstinate skin diseases including leprosy), aruci (anorexia), visa (poisoning) and vrana (ulcer).

248 माधवी मधुरा शीता लघुर्दोषत्रयापहा' । [भावप्रकाशः पुष्पवर्ग ५ : ३६-४०]

## Mādhavī (Hiptage benghalensis Kurz)

Mādhavī is sweet, cooling and light. It alleviates all the three doṣas.

यूथिकायुगल शीत तिक्तं च कटुकं लघु ।। ३५१ ।। तुबर मधुर हृद्यं पित्तघ्नं कफवातलम् ।

# व्रणास्रमुखदन्ताक्षिशिरोरोगविषापहम्' ।। ३५२ ।।

[भावप्रकाशः पुष्पवर्ग ५ : २६]

## Yūthikā (Jasminum auriculatum Vahl.)

Both the types of  $y\bar{u}thik\bar{a}$  are cooling, bitter, pungent, light, astringent, sweet and cardiac tonic. It alleviates pitta and aggravates kapha as well as  $v\bar{a}yu$ . It cures vrana (ulcer), asra (vitiated blood), diseases of mouth, teeth, eyes and head, and  $vi\bar{s}a$  (poisoning).

'कुडजक: सुरभिः स्वादुः कपायानुरसः सरः । 249 त्रिदोपशमनो वृष्यः शीत हत्ती च स स्मृतः ॥ ३५३ ॥

[भावप्रकाशः पुष्पवर्ग 4: 37]

## Kubjaka (Rosa Moschata Herrm.)

Kubjaka is fragment, sweet, astringent (as subsidiary taste or anurasa) and laxative. It alleviates all the three doṣas. It is aphrodisiac and alleviator of cold.

'शतपत्री हिमा हृद्या ग्राहिणी शुक्रला लघुः। दोषत्रयास्रजिद्वण्यां कट्वी तिक्ता च पाचिनी'।। ३५४।।

[भावप्रकाश पुष्पवर्ग ५: २२]

# Śatapatrī

Satapatrī is cooling, cardiac tonic, constipative, promoter of semen and light. It alleviates all the three doşas and vitiated blood and promotes complexion. It is pungent, bitter and carminative.

शतपत्रीभव वारिश्रमध्न वातपित्तजित् । मनोह्लादकर नेत्र्य दुर्गन्धाश्रीविषापहम् ॥ ३५५॥

The water (after distillation?) of śatapatrī alleviates exhaustion, vāyu and pitta. It is pleasing to the mind, promoter

of eye sight and remover of foul smell of the body as well as inauspiciousness. It cures vişa (poisoning).

केतकी युगलं तिक्तं कटुस्वादुविषापहम् ।

Ketakī (Pandanus tectorius Soland ex Parkinson)

Both the varieties of *ketakī* are bitter, pungent and sweet. It cures *viṣa* (poisoning).

250 नेपाली शीतला तिक्ता लघ्वी दोपत्रयापहा ॥ ३५६॥ 251 कर्णाक्षि मुखरोगघ्नी तद्गुणा वार्षिकी मता ।

Naipālī & Vārsikī

Naipālī is cooling, bitter and light. It alleviates all the three doṣas. It cures the diseases of ear, eyes and mouth.  $V\bar{a}rsik\bar{\imath}$  has similar properties.

'चंपकः कटुकस्तिक्तः कपायो मधुरोहिमः।

विषकृमिहरः कृच्छ्कफिपत्तास्रवातिजत्' ॥ ३५७ ॥

[भावप्रकाशः पुष्पवर्ग ५: ३१]

Campaka (Michelia champaca Linn.)

Campaka is pungent bitter, astringent, sweet and cooling. It cures viṣa (poisoning), kṛmi (parasitic infection), kṛcchra (dysuria), aggravated kapha, pitta, blood and vāyu.

म्रक्षिरोगहरश्चापि विशेषाद्रा**जचंपकः** ।

Rāja campaka

Rāja campaka is specifically useful for eye diseases.

<sup>252</sup> **बकुल**स्तुवरोरूक्षः कटुपाकरसो गुरुः ।

क्फपित्तविषश्वित्रकृमिदन्तगदापहः'। ।। ३५८।।

[भावप्रकाशः पुष्पवर्ग ५:३२]

## Bakula (Mimusops elengi Linn.)

Bakula is astringent and ununctuous. It is pungent both in vipāka and rasa. It is heavy. It cures aggravated kapha as well as pitta, viṣa (poisoning), śvitra (leucoderma), kṛmi (parasitic infection) and danta gada (diseases of teeth).

253 'वको रूक्षः कटुस्तिक्तः कफपित्तविषापहः । 254 योनिशलन्पादाहकृष्ठशोफास्त्रनाशनः' ॥ ३५६ ॥

[भावप्रकाशः पृष्पवर्ग ५ : ३४]

#### Vaka

Vaka is ununctuous, pungent and bitter. It cures aggravated kapha as well as pitta, viṣa (poisoning), yoni śūla (pain in female genital tract), tṛṣā (morbid thirst), dāha (burning syndrome), kuṣṭha (obstinate skin diseases including leprosy), śopha (oedema) and asra (vitiated blood).

पाटलस्तु महाशीतः कफवानप्रकोपनः।

मन्दाग्निपत्तरोगघ्नः कफव्याधिविनाशकृत् ॥३६०॥

## Pāṭala (Stereospermum suaveolens Dc.)

 $P\bar{a}tala$  is exceedingly cooling. It aggravates kapha and  $v\bar{a}ta$ . It cures indigestion, diseases caused by pitta as well kapha (?).

वातिपत्तप्रगमनो मनोज्ञो देववल्लभः।

#### Deva vallabha

Deva vallabha alleviates vāta and pitta. It is pleasing to the mind.

पवित्र नीपक्सुमं तद्वदेवकदंबजम ॥३६१॥

Nīpa & Kadamba (Adina cordifolia Benth and Hook, f and Anthocephalus cadamba Miq.)

The flowers of both nipa and kadamba are sacred.

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'तुलसी कटुका तिक्ता हृद्योष्णा दाहिपत्तकृत्।
दीपनी कुष्ठकृच्छ्रास्नपाद्यं हनकफवातिजत्' ।।३६२।।
[भावप्रकाशः पुष्पवर्ग ४:६२]

विपकृमिव मिश्वासदुर्नामाक्षिरुजापहा

Tulasī (Ocimum sanctum Linn.)

Tulasī is pungent, bitter, cardiac tonic and hot. It causes dāha (burning syndrome) and aggravation of pitta. It stimulates digestion, and cures kuṣṭha (obstinate skin diseases including leprosy), kṛcchra (dysuria), asra (vitiation of blood) and pārśvaruk (pain in the sides of chest). It alleviates kapha and vāta. It also cures viṣa (poisoning), kṛmi (parasitic infection), vami (vomiting), śvāsa (asthma), durnāma (piles) and akṣiruk (pain in eyes).

'दमनस्तुवरस्तिक्तः शीतो वृष्यः मुगन्धिकः । 256 ग्रहणीविषकुष्ठास्रक्लेदकण्ड्तिदोषजित्' ।। ३६३ ।। [भावप्रकाशः पुष्पवर्ग ५:६७]

#### Damana

Damana is astringent, bitter, cooling, aphrodisiac and fragrant. It cures grahaṇī (sprue syndrome), viṣa (poisoning), kuṣṭha (obstinate skin diseases including leprosy), asra (vitiation of blood), kleda (stickiness), kaṇdū (itching) and aggravation of all the three doṣas.

फणिज्भकोऽग्निदोहृद्यस्तिक्तोप्णः पित्तलो लघुः ।

'वृश्चिकादिविषश्लेष्मवातकुष्ठकृमिप्रणुत् ।

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कटुपाकरसो रुच्यस्तिक्तो रूक्षः सुगन्धिकः ॥ ३६४॥

[भावप्रकाशः पुष्पवर्ग ५:६४]

Phanijjhaka (Ocimum basilicum Linn.)

Phanijjhaka stimulates digestion. It is cardiac tonic,

bitter and hot. It aggravates pitta. It is light. It cures the poisoning by scorpion stings, aggravation of kapha and  $v\bar{a}yu$ , kustha (obstinate skin diseases including leprosy) and krmi (parasitic infection.) In  $vip\bar{a}ka$  and taste it is pungent. It is appetiser, bitter, ununctuous and fragrant.

कुमुदोत्पलनालाइच सपुष्पाः सफलाः स्मृताः।

शीतस्वाद्कषायाश्च कफमान्तकोपनाः ॥ ३६५॥

Kumuda & Utpala (Nymphaea alba Linn. & Nymphaea stellata Willd.)

The stalk, flower and fruit of kumuda and utpala are cooling, sweet and astringent. They aggravate kapha and vāyu.

शणस्य - कोविदारस्य कर्बुदारस्य शाल्मलेः।

पुष्प ग्राहिप्रशस्त च रक्तिपत्ते विषे क्षये ।। ३६६ ।।

Śaṇa, Kovidāra, Karbudāra & Śālmalī (Crotalaria juncea Linn., Bauhinia variegata Linn., Bauhinia purpurea Linn., & Salmalia malabarica Schott and Endl.)

The flowers of śaṇa, kovidāra, karbudāra and śālmalī are constipative and they are useful in rakta pitta (a disease characterised by bleeding from different parts of the body), viṣa (poisoning) and kṣaya (consumption).

मधूकं इलेप्मलं ग्राही तद्वदेव च यूथिका।

Madhūka & Yūthika (Madhuca indica J.F. Gmel. & Jasminum auriculatum Vahl.)

Madhūka and Yūthika aggravate kapha and they are constipative.

रक्तपित्तातिसारघ्न बातको कुसुमं हिमम्।।३६७॥

## Dhātakī (Woodfordia fruticosa Kurz.)

Dhātakī flower cures rakta pitta (a disease characterised by bleeding from different parts of the body) and atisāra (diarrhoea). It is cooling.

मुचुकुन्वं शिरोतिष्नं पित्तास्रष्टन महद्गुणम् ।

Mucukunda (Pterospermum acerifolium Wild.)

Mucukunda is exceedingly useful in curing headache, aggravation of pitta and vitiation of blood.

वातच्नी मिलका तिक्ता, रजनी स्तभिनी जया ॥३६८॥

Mallikā & Jayā (Jasminum sambac Ait & Sesbania sesban Merr.)

 $Mallik\bar{a}$  alleviates  $v\bar{a}yu$  and is bitter.  $Ja\bar{y}\bar{a}$  imparts colour and is constipative.

वृषागस्तिकयोः पुष्प तिक्तः पित्तकफापहम्। अद्वासायहं पाके कट्क वातकोपनम्॥ ३६९॥

Vṛṣa & Agastya (Adhatoda vasica Nees & Sesbania grandiflora Pers)

The flowers of vrsa and agastya are bitter and they alleviate pitta as well as kapha. They cure ksaya (consumption) and  $k\bar{a}sa$  (bronchitis). In  $vip\bar{a}ka$ , they are pungent and they aggravate  $v\bar{a}yu$ .

श्रगस्त्यं नातितिक्तं स्यात् नक्तान्ध्यानां प्रशस्यते ।

Agastya is not exceedingly bitter and is useful for patients suffering from naktāndhya (night blindness).

बह्मवृक्षस्य निबस्य मुष्ककस्यासनस्य च ॥ ३७० ॥ कफपित्तहरं पुष्प कृष्ठध्न कृटजस्य च ॥ Brahma, Nimba, Muṣkaka Asana & Kuṭaja (Butea monosperma Kuntze, Azadirachta indica A. Juss., Schrebera swietenioides Roxb., Pterocarpus marsupium Roxb., & Holarrhena antidysenterica Wall.)

The flowers of brahma, nimba, muṣkaka asana and kuṭaja alleviate kapha and pitta. They cure kuṣṭha (obstinate skin diseases including leprosy).

258 259 कफव्नं **केतक** तिक्तं सै**रेय** विषहारि च॥ ३७१॥

॥ इति नानौषधिवर्गः॥

Ketaka & Saireya (Pandanus tectorius Soland ex Parkinson & Barleria cristata Linn.)

Ketaka alleviates kapha and is bitter. Saireya cures vişa (poisoning).

Thus ends the group of miscellaneous drugs.

#### NOTES AND REFERENCES

- 1. रेचका इति द्वितीयपुस्तके पाठः ।
- 2. पावनी पूतना इति षष्ठपुम्तके पाठः ।
- 3. त्र्यब्दी इति षष्ठपुस्तके पाठः।
- 4. पूतनामृता इति द्वितीयपुस्तके पाठः ।
- 5. चक्षुष्या लघुरायुष्या बृंहणी चानुलोमिनी इति श्राकरे पाठः।
- 6. ०ग्रहणीरोग० इति स्नाकरे पाठः।
- 7. ०तृपाछर्दि० इति आकरे पाठः।
- 8. प्लीहानञ्च यकुत्तथा इति आकरे पाठ.
- 9. च कथिताऽतिगणप्रदा इति श्राकरे पाठ.।
- 10. भ्रष्टा इति द्वितीयपुस्तके पाठः।

- 11. क्रमि इति आकरे पाठः।
- 12. मदकुच्चाथ धात्रीमज्जाऽपि इति स्राकरे पाठः ।
- 13. धात्र्यास्त्रिदोषनुत् इति द्वितीयपुस्तके पाठः ।
- 14. द्रव्यगुणरत्नमालायाम्.......त्रिफलेयं प्रकीतिता पाठोऽयं द्वितीयपंचम-पुस्तकयोः नोपलभ्यते ।
- 15. शिवा......कफपित्तनुत् पाठोऽयं द्वितीयषष्ठपुस्तकयोः नोपलभ्यते ।
- 16. कुष्ठहरासरा इति आकरे पाठः।
- 17. चैव इति द्वितीयपुस्तके पाठः ।
- 18. मृदुरोचनी इति द्वितीयपुस्तके पाठः।
- 19. कफपित्तस्यरुक् इति द्वितीयपुस्तके पाठः।
- 20. वल्कल्ला इति द्वितीयपुस्तके पाठः ।
- 21. शीतो.... प्रभाषित्तविषप्रणुत् पाठोऽय प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 22. कृमिपित्तविनाशन इति षष्ठपुस्तके पाठः ।
- 23. हृद्यं इति प्रथमपुस्तके पाठः ।
- 24. कफिपत्तहरं लघ् इति षष्ठपुस्तके पाठः।
- 25. द्विविध.....पाराशरोऽत्रवीत पाठोऽयं प्रथमपुस्तके नोपलभ्यते।
- 26. कुटजः..... ....त्वग्दोषार्शोतिसारिजत् पाठोऽयं द्वितीयषष्ठपुस्तकयोः नोपलभ्यते ।
- 27. चातिविषाद्वयम् इति प्रथमद्वितीयपुस्तकयोः पाठः ।
- 28. दोपं इति पंचमपुम्तके पाठः ।
- 29. अवर्षः इति प्रथमपुस्तके पाठः ।
- 30. मुरोक्तं इति द्वितीयपुस्तके पाठः ।
- 31. तौवरक्तं इति द्वितीय पुस्तके पाठः ।
- 32. मधुरं इति द्वितीयपुस्तके पाठः ।
- 33. ग्रहणी ""गुल्मनुत् पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 34. महिषाख्यो इति द्वितीयषष्ठपुस्तकयोः पाठः।
- 35. एव च इति द्वितीयपुस्तके पाठः।
- 36. महिषास्य इति षष्ठपुस्तके पाठः ।
- 37. कुमुदः कुमुदाभः स्यात्पद्मौ माणिक्यसन्तिभः इति आकरे पाठः ।

- 38. पञ्चानां लिंगमीरितम् इति आकरे पाठः ।
- 39. महिषाख्यो इति षष्ठपुस्तके पाठः ।
- 40. परम् इति द्वितीयपुस्तके पाठः।
- 41. कदाचिन्महिषाक्षश्च इति आकरे पाठः । कदाचिन्महिषाख्यस्तु इति षप्ठपुस्तके पाठः ।
- 42. कटू रूक्षो लघः परः इति आकरे पाठ.।
- 43. स्मृतः इति षष्ठपुस्तके पाठ ।
- 44. पत्तलो इति ग्राकरे पाठः।
- 45. द्रव्याणां गुणवेदिभिः इति आकरे पाठः।
- 46. लशुनसेविनाम् इति स्राकरे पाठः ।
- 47. महिषाख्यो ""निरन्तरम् पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलम्यते ।
- 48. पत्रे .....रसायनः पाठोऽयं द्वितीयषष्ठपुस्तकयोः नोपलभ्यते ।
- 49. नातं इति द्वितीयषष्ठपुम्तकयोः पाठः ।
- 50. पलाण्डु ..... ....म्वादुपाकरसो जयेत् पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 51. कफकुद्रोचणो इति पंचमपुस्तके पाठः ।
- 52. पलांबु......गुरु पाठोऽयं द्वितीयषष्ठपुस्तकयोः नोपलभ्यते ।
- 53. भुष्काणि इति प्रथमपुस्तके पाठः ।
- 54. वातक्लेष्मविबंधक्नो इति प्रथमपुस्तके पाठः ।
- 55 निदाधशरदोर्नेव पूजितमाईकम् इति आकरे पाठः ।
- 56. गुडार्द्रकं ...... समन्वितम् पाठोऽयं प्रथमपंचमषष्ठपुस्तकेषु नोपलभ्यते।
- 57. शल्घ्न इति षष्ठपुस्तके पाठः ।
- 58. विबन्ध भेदिनी मलपातने पाठोऽयं प्रथमद्वितीयपुस्तकयोः नोपलभ्यते ।
- 59. विबन्ध... ...रसायनी पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 60. दीपनरोचनम् इति द्वितीयपुस्तके पाठः । रोचनदीपनम् इति प्रथमपुस्तके पाठः ।
- 61. च कटुकं कफव्न इति प्रथमपुस्तके पाठः।
- 62. नात्युष्णं.... ...सितम् पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 63. कटुकं इति षष्ठपुस्तके पाठ.।

- 64. वृष्या इति षष्ठपुस्तके पाठः ।
- 65. जलपिष्पलिका....रक्तपित्तज्वरापहा पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 66. कफवातजित् इति आकरे पाठः।
- 67. रुच्यं पित्तविर्मंदनम् इति द्वितीयपुस्तके पाठः।
- 68. कृमि.....विबन्धनुत् पाठोऽयं द्वितीयपुस्तके अधिकमुषलभ्यते ।
- 69. तीक्ष्णोष्णं इति प्रथमपंचमंपुस्तकयोः आकरे च पाठः ।
- 70. पित्ताग्निवर्धनम् इति आकरे पाठः ।
- 71. ग्राहि.....गर्भाशयविशुद्धिकृत् पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 72. जवानी इति प्रथमपुस्तके पाठ. ।
- 73. छिछिका......वातकफापहा पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 74. भूतृणो इति द्वितीयपुस्तके पाठ. ।
- 75. पुंस्त्वध्न.....विस्तरोगरुजापहा पाठोऽयं षष्ठपुस्तके नोपलभ्यते ।
- 76. भक्ष्यव्यञ्जनभोज्येषु इति आकरे पाठः।
- 77. भन्य......स्रोतोविशोधनी पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते।
- 78. भङ्की कफहरी तिक्ता ग्राहिणी पाचनी लघुः इति ग्राकरे पाठः।
- 79. मोहमन्दवाग्विह्मविधनी इति श्राकरे पाठः।
- 80. हृद्यो इति द्वितीयपुस्तके पाठः ।
- 81. वर्वरी......विषापहम् पाठोऽयं प्रथमपचमपुस्तकयोः नोपलभ्यते।
- 82. शिग्रुः......वातजित् पाठोऽयं प्रथमपचमपुस्तकयोः नोपलभ्यते ।
- 83. कट्वंगो इति षष्ठपुस्तके पाठः।
- 84. जिंगणी इति षष्ठपुस्तके पाठः ।
- 85. मूत्रकृच्छ्रजित् इति प्रथमपुस्तके पाठ.।
- 86. तृषा इति प्रथमपुस्तके पाठः ।
- 87. र्भवति इति प्रथमपुस्तके पाठः।
- 88. गवादिनी इति षष्ठपुस्तके पाठः ।
- 89. मधूकं इति द्वितीयपुस्तके पाठ: ।
- 90. मुसली इति द्वितीयपुस्तके पाठ:।
- 91. द्विगुणा इति षष्ठपुस्तके पाठः ।
- 92. रक्तस्तम्भनहृद्गुणैः इति द्वितीयपुस्तके पाठः।

- 93. वृष्या इति प्रथमपुस्तके पाठः ।
- 94. फंजी इति प्रथमपुस्तके पाठः ।
- 95. गुरुक्रं णश्लेष्मकटुकुमिविषापहः इति द्वितीयपुस्तके पाठः ।
- 96. फलिनी इति षष्ठपुस्तके पाठः ।
- 97. कफवातामभूतघ्नी इति द्वितीयपुस्तके पाठः ।
- 98. बलायुः इति द्वितीयपुस्तके पाठः।
- 99. कुक्कुतुंदुः इति प्रथमपुस्तके पाठः ।
- 100. हंसपादी ""पाण्डुनुत् पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 101 पित्त इति प्रथमपंचमपुस्तकयोः पाठः ।
- 102. कुष्ठं......प्रमेहजित् पाठोऽयं द्वितीयषष्ठपुस्तकयोः नोपलभ्यते ।
- 103. मास्फोटा इति द्वितीयपुस्तके पाठ ।
- 104. तिनीशा इति प्रथमपुस्तके पाठ:।
- 105. अशणः इति प्रथमपुस्तके पाठः ।
- 106. श्लेष्मपित्तजित् इति प्रथमपुस्तके पाठः ।
- 107. योनिदोषान् इति प्रथमपुस्तके पाठः।
- 108. वर्णे इति द्वितीयपुस्तके पाठः ।
- 109. व्रणास्त्रसंभारभेदनः इति द्वितीयपुस्तके पाठः ।
- 110. शोथामवातवातघ्नो इति द्वितीयपुस्तके पाठः ।
- 111. व्रष्यकफास्रघ्नस्तगरः इति द्वितीयपुस्तके पाठः ।
- 112. शिह्लकं इति प्रथमपुस्तके पाठः ।
- 113. गुञ्जासर्जोमुरानखम् इति प्रथमपुस्तके पाठः।
- 114. राला " "विपादिकाः पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 115. शिशिरप्रदम् इति षष्ठपुस्तके पाठः ।
- 116. पत्रांगं इति षष्ठपुस्तके पाठः।
- 117. बण्यं इति प्रथमपुस्तके पाठः ।
- पित्तविषकफापहं इति प्रथमपुस्तके पाठः ।
- 119. पित्तविस्फोटज्वरदाहविषापहं इति प्रथमपुस्तके पाठः ।
- 120. व्रण्यं इति प्रथमपुस्तके पाठः ।
- 121. शटी "हरामता पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते।

- 122. कफपित्तहरं इति षष्ठपुस्तके पाठः।
- 123. लघुस्तष्णा इति प्रथमपुस्तके पाठः।
- 124. पनवात्कर्प्रतः'''' शोथ-विषापह: पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 125. ग्राहिनी इति प्रथमपुस्तके पाठः ।
- 126. राष्णा "" वणविपादिका पाठोऽयं द्वितीयषष्ठपुस्तकयोः नोपलभ्यते ।
- 127. तृट्छिदहुल्लामकदुपित्तकफापहा इति द्वितीयपुस्तके पाठः । तृट्छिदहुल्लासकदुपित्तविषापहा इति षष्ठपुस्तके पाठः ।
- 128. कासश्वासत्रणापहम् इति प्रथमपुस्तके पाठः ।
- 129. गन्धप्रजागुका इति प्रथमपुस्तके पाठः ।
- 130. शूलजित् इति प्रथमपुस्तके पाठः । शूलनृत् इति षष्ठपुस्तके पाठः ।
- 131. राष्ट्रोष्णा इति द्वितीयपुस्तके पाठः ।
- 132. राष्णावातशोथाना[म]वातवातामयान् जयेत् इति प्रथमपुस्तके पाठः ।
- 133. शटीवातकफश्वासकासहिक्काज्वरापहा इति प्रथमपुस्तके पाठः।
- 134. तजगं इति प्रथमपुस्तके पाठः।
- 135. नागकेशरः इति षष्ठपुस्तके पाठः ।
- 136. कटुवातार्शो इति षष्ठपुस्तके पाठः।
- 137. कफकाशक्षयापहम् इति प्रथमपुस्तके पाठः ।
- 138. वंशलोचना इति पप्ठपुस्तके पाठ.।
- 139. कुष्ठज्वरापहः इति षष्ठपुस्तके पाटः ।
- 140. तुषा---क्षयापहः पाठोऽयं प्रयमपंचमपुस्तकयोः नोपलभ्यते ।
- 141. पाण्डुरक्तजित् इति द्वितीयपुस्तके पाठः।
- 142. श्रीफलः——महन्मतम् पाठोऽयं आदर्शपुस्तिकासु नोपलम्यते द्वितीय-षष्ठपुस्तकयोः——"पञ्चमूलमिदं महत्" इतिमात्र पाठः प्राप्तः । तस्मात् भावप्रकाशात् उद्धृत्य पाठपूरणं कृतम् (भावप्रकाशः गृड्ड्यादि चतुर्थवर्ग २६:३०) ।
- 143. न्यग्रोघोदुम्बराश्वत्थपारिसप्लक्षपादयाः इति द्वितीयपुस्तके पाठः ।
- 144. पारिसस्थाने इति द्वितीयपुस्तके पाठः ।
- 145. द्रष्टव्यम् त्रायुर्वेदप्रकाशः ३:१
  भावप्रकाशः पूर्वेखण्डः घात्वादिवर्ग दः१।

- 146. दधते देहं नृणां हिन श्रायुर्वेदप्रकाशे पाठः । देहं दधति नृणा इति भावप्रकाशे पाठः ।
- 147. मियात् इति पष्ठपुस्तके पाठः ।
- 148. निषेके इति स्राकरे पाठ: ।
- 149. शुल्बोज्झिनं इति श्राकरे पाठः ।
- 150. हेमगुरुक्षमम् इति द्वितीयपुस्तके पाठः ।
- 151. तच्छेवतं इति श्राकरे पाठः ।
- 152. दलिम् इति द्वितीयपुस्तके पाठ:।
- 153. कषेत्याज्यं लघु स्फुटम् इति आकरे पाठ.।
- 154. बुद्धिदम् इति द्वितीयपुम्तके पाठः । मेधास्मृतिप्रदम् इति आकरे पाठः ।
- 155. स्वर्णमायुःकर इति द्वितीयपुस्तके पाठः।
- 156. रोगव्रजान् पोषयतीह काये इति आकरे पाठः।
- 157. समापतत्तत्स्थैकसमाद्विलोचनात् इति द्वितीयपुस्तके पाठः ।
- 158. तस्माद्भद्र इति आदर्शपुस्तिकासु पाठः ।
- 159. तस्माद्रजतमुत्पन्नमुक्तकर्मसु योजयेत् इति आकरे पाठः।
- 160. च भवेत्तद्धि वङ्गादिरसयोगतः इति आकरे पाठः।
- 161. स्वर्णाभ इति श्रादर्शपृत्तिकासु पाठः ।
- 162. रूक्ष इति ग्रादर्शप्मितकामु पाठ.।
- 163. नाशयत्यचिराद् इति ग्राकरे पाठ.।
- 164. करोति विड्बन्धन इति द्वितीयपुस्तके पाठः।
- 165. वीर्यं बल हन्ति ननोश्चाप्ष्टि महागदान्योपयति ह्यशुद्धम् इति श्राकरे पाठः।
- 166. शुल्व इति पष्ठप्रतके पाठः ।
- 167. कुष्ण इति भावप्रकाशे पाठ।
- 168. जुन्य दुष्ट प्रकीत्तिनम् इति आकरे पाठ ।
- 169. नरसेहितम् इति द्वितीयप्स्तके पाठ ।
- 170. रङ्ग इनि आकरे पाठः।
- 171. चक्षुप्य पित्तल मनाक् इति आकरे पाठ:।
- 172. "सिहौ गजौघ तु यथा" इति आदर्शपृम्तिकासु पाठ: ।
- 173. पुष्टि विदधाति नूनम् इति ग्राकरे पाठः।

- 174. च इति षष्ठपुस्तके पाठः।
- 175. रीतिकायुगसं——लेखन पाठोऽय द्वितीयपुस्तके नोपलम्यते ।
- 176. लोमिलदैत्यस्य निहतस्य इति आकरे पाठः ।
- 177. व इति भ्राकरे पाठः ।
- 178. देहशूलकृदसस्कृतं घ्रुवम् इति आकरे पाठः।
- 179. तन्ते इति स्राकरे पाठः।
- 180. मद्यमम्ल मसूरांश्च इति आकरे पाठः ।
- 181. न्यंगान्येवाम्लिते सति इति द्वितीयप्स्तके पाठः।
- 182. विमृजित इति द्वितीयपुस्तके पाठः । मुजित इति षष्ठपुस्तके पाठः ।
- 183. तत्कृतां इति द्वितीयपुस्तके पाठः।
- 184. रक्तपित्तप्रशमनमम्लपित्तं इति षष्ठपुस्तके पाठः ।
- 185. शतोत्थमुत्तम इति ग्राकरे पाठः।
- 186. षष्ठिवर्षीय इति ग्राकरे पाठः।
- 187. निपेतुर्घनध्वानाच्छिखरेषु इति आकरे पाठः ।
- 188. पुरा- चाञ्रकम् पाठोऽय'प्रथमपञ्चमपूस्तकयोः नोपलभ्यते ।
- 189. गगनात्स्खलित इति आकरे पाठः।
- 190. गगनच्युति जातत्वाद् गगन च जगुः सुराः इति द्वितीयषष्ठपुस्तकयोः पाठः ।
- 191. ग़दे शुद्धतयाऽपि च इति द्वितीयपुस्तके पाठः ।
- 192. 'नाग विह्नस्थित शब्द फूत्कार परिमुञ्चित ।
  तच्छरीर गत नित्य व्याधि कुर्याद्भगन्दरम् ।
  वज्र तु वज्जवित्तव्ठेत्तन्नाग्नौ विकृति वजेत् ।
  यत्नतो वर्जयेद्धीमानभ्रकितय भिषक् ।
  चतुर्थ पीवर वज्ज व्याधिवाद्धंवयनुत् ।'
  पाठोऽय द्वितीयषष्ठपुस्तकयोः उपलम्यते ।
- 193. सुतान् विकमैः सिंहतुल्यान् इति आकरे पाठः ।
- 194. दुष्टम् इति द्वितीयपुस्तके पाठः । कुष्टम् इति षष्ठपुस्तके पाठः ।
- 195. करोत्यसह्यामसिद्धमभ्र इति द्वितीयषष्ठपुस्तकयोः पाठः ।
- 196. सुवर्णमाक्षिक स्वादु इति आकरे पाठः।
- 197. बस्तिहृत्कण्ठपाण्डुमेहिवषोदरम् इति आकरे पाठः।

- 198. विषं इति ग्राकरे पाठः।
- 199. ग्रपि नाशयेत् इति आकरे पाठः ।
- 200. मालां विधत्तेऽपि च गण्डपूर्वा शुद्धचादिहीन खल माक्षिक तु इति आकरे पाठः।
- 201. कण्डू कुष्ठादि इति आकरे पाठः । कण्डू कुष्ठार्शरोगास्ककफित्तम हद्व्रणान् इति द्वितीयपुस्तके पाठः ।
- 202. चारुतां इति आकरे पाठः।
- 203. बहुतापानङ्गसङ्कोचपीडाः इति आकरे पाठः।
- 204. मलानुबन्धं खलुमूत्ररोधं इति द्वितीयपुस्तके पाठः।
- 205. बु कटुक इति स्राकरे पाठः।
- 206. विशद इति द्वितीयपुस्तके पाठः ।
- 207. शिवाङ्गात्प्रच्युतं रेतः इति आकरे पाठः ।
- 208. छुक्लमच्छामभूच्च इति आकरे पाठः।
- 209. तत्तु भवेत् इति आकरे पाठः।
- 210. स्वस्थो इति आकरे पाठ ।
- 211. कामितश्चापि इति आकरे पाठ. । क्रामिता इति पष्ठपुस्तके पाठः ।
- 212. अजरीकृतो इति षष्ठपुस्तके पाठः।
- 213. दृष्टिबलप्रदः इति आकरे पाठः ।
- 214. विह्निगिरीत्वचापल इति आकरे पाठः।
- 215. पारदो इति द्वितीयपुस्तके पाठः।
- 216. त्रपुनागयोगजौ इति आकरे पाठः ।
- 217. रसेन्द्र इति श्राकरे पाठः ।
- 218. भिषक्रमैः इति षष्ठपुस्तके पाठः । मुनीश्वरैः इति स्नाकरे पाठः ।
- 219. विषेण इति म्राकरे पाठः।
- 220. स्याच्चाञ्चल्यतो इति श्राकरे पाठः ।
- 221. प्साम् इति आकरे पाठः ।
- 222. पण्डो इति ग्राकरे पाठः।
  - 223. परिशोधनीयः इति स्राकरे पाठः।
  - 224. कष्टांश्च इति षष्ठपुस्तके आकरे च पाठः ।

- 225. वराराजनहिंगुलम् इति द्वितीयपुस्तके पाठः।
- 226. गन्धो हिंगुलमभ्रतालकशिलाः स्रोतोऽञ्जन टकणं, राजावर्तकचुम्वकौ स्फटिकयाशङ्खखटीगैरिकम् । कासीसं रसकं कपर्दसिकताबोलाश्च कङ्कुष्टक । सौराष्ट्री च मता ग्रमी उपरसाः सूतस्य किञ्चिद् गुणैः । इति भाव-प्रकाशे पाठ. ।
- 227. देव्या इति म्राकरे पाठ·।
- 228. क्षीरनीरघौ इति माकरे पाठः ।
- 229. समभूलतः इति आकरे पाठः।
- 230. सितोसितः इति आकरे पाठः ।
- 231. रसायनः इति आकरे पाठः ।
- 232. द्रष्टव्यम्-भावप्रकाशः धातूपधात्वर्ग दः११२।
- 233. घातुसतप्ता इति स्राकरे पाठः ।
- 234. यज्जटायु प्रतीकाश सतिक्तं लवणान्वितम् इति द्वितीयपुस्तके पाठः ।
- 235. कफमेदोश्मशर्कराः इति द्वितीयपुस्तके पाठः ।
- 236. शोथकुष्ठोदरक्रिमीन् इति आकरे पाठः।
- 237. सुदुम्मेदः इति षष्ठपुस्तके पाठ।
- 238. प्रदीपन इति षष्ठपुस्तके पाठः ।
- 239. कृष्णवर्णेरनन्तैर्विन्दुिर्युत. इति षष्ठपुस्तके पाठ.।
- 240. लोहितप्रभ: इति ग्राकरे पाठ: ।
- 241. दृष्टिकृदजनात् इति श्राकरे पाठः: ।
- 242. नेत्रदोषापहाः स्मृताः इति ग्राकरे पाठः ।
- 243. हस्तिमदश्चित्तरजनो इति आकरे पाठः।
- 244. च कुष्ठपाण्ड्विषापहम् इति ग्राकरे पाठः।
- 245. तृष्ण।दाहास्रविस्फोटविषवीसर्पनाजनम् इति आकरे पाठः ।
- 246. तृष्णा प्यास्त्रजित् पाठोऽय प्रथमद्वितीयपचमपुस्तिकासु
- 247. वातिपत्तास्यदृग्व्याधि इति आकरे पाठ:।
- 248. लघ्वी दोषत्रयापहा इति ग्राकरे पाठः।
- 249, शीतव्न इतरः मतम् इति ग्रादर्शपुस्तिकासु पाठः।

- 250. वासन्ती इति भावप्रकाणे पाठः । (भावप्रकाण पुष्पवर्ग ४ : २३) ।
- 251. तत्तं लं तद्गुण म्मृतम् इति भावप्रकाशे पाठः (भावप्रकाशः पुष्पवर्गं ५:२५)।
- 252. बकुलस्तुवरोऽनुष्णः इति ग्राकरे पाठः ।
- 253. बकोऽनुष्णः इति श्राकरे पाठः।
- 254. ०शोथास्रनाशनः इति आकरे पाठः।
- 255. दमनस्तुवरस्तिक्तो हृद्यो इति ग्राकरे पाठः।
- 256. ग्रहणाद् इति स्राकरे पाठः।
- 257. सुगन्धिके इति स्रादर्भपुस्तिकासु पाठः।
- 258. द्रष्टव्यम्-भावप्रकाशः पुष्पवर्ग ५ : ४२।
- 259. भावप्रकाशः पुष्पवर्ग ५: ५३।

## CHAPTER 3

'भिष्यन्दि लवणं सर्व सूक्ष्मं सृष्टमल विदुः । वातघ्नं पाकि तीक्ष्णोष्णं रोचनं कफपित्तकृत् ॥१॥ [माधवद्रवयगुणः लवणवर्ग २ः१]

## Lavana (Salt)

All types of lavaṇa are abhiṣyandi (which obstruct channels of circulation),  $s\bar{u}k sma$  (subtle), sr stamala (which eliminates waste products) and alleviator of  $v\bar{a}ta$ . They cause suppuration. They are sharp, hot and appetisers. They aggravate kapha and pitta.

सैन्धव मधुरं हृद्यं दीपन शीतल लघु।
चक्षुष्यं पाचन स्निग्धं वृष्यं दोषत्रयापहम्।।२।।

Saindhava (Rock salt)

Saindhava is sweet, cardiac tonic, digestive stimulant, cooling, light, promoter of eye sight, carminative, unctuous, and aphrodisiac. It alleviates all the three dosas.

गजारुयं लघुवातघ्नमत्युष्णं भेदि पित्तलम् ।

# तीक्षणं व्यवायि सूक्ष्म चाभिष्यन्दि कटुपाकि च ॥३॥

#### Gaja

The gaja type of salt is laghu, alleviator of  $v\bar{a}ta$ , extremely hot, purgative, aggravator of pitta, sharp,  $vyav\bar{a}yi$  (a substance whose digestion and metabolism take place after it has pervaded all over the body),  $s\bar{u}ksma$  (subtle), abhisyandi (which obstructs the channels of circulation) and pungent in  $vip\bar{a}ka$ .

सामुद्रं मधुरं पाके स्निग्धं नातिसर गुरुं।
नात्युष्णं दीपन भेदि सक्षारमविदाहि च।। ४।।
।
श्लेष्मलं वातनुत्तिक्तमरूक्षं नातिपित्तलम् ।

# Sāmudra (Sea salt)

Sāmudra is sweet in vipāka and unctuous. It does not possess strong laxative effect. It is heavy. It is not very hot. It is digestive stimulant, purgative (?), alkaline, avidāhi (which does not cause burning sensation). It aggravates kapha and alleviates vāyu. It is bitter and arukṣa (not un-unctuous).

2 विड [सक्षार]मूर्घ्वाघो कफवातानुलोमनम् ॥ ५ ॥

## Viḍa

Vida is alkaline. It helps in the elimination of kapha as well as  $v\bar{a}yu$  both through upward and downward tracts.

दीपन लघु तीक्ष्णोष्ण रुच्य पाक्य व्यवायि च।
विबन्धानाहिवष्टम्भहृदुगौरवणूलनुत् ॥६॥

## Pākya

Pākya is digestive stimulant, light, sharp, hot, appetiser and vyavāyi (which gets digested and metabolised after it has pervaded all over the body). It cures vibandha (constipation), ānāha (flatulence), viṣṭambha (impairment of the peristaltic movement of the colon), hṛdruk (heart disease),

gaurava (heaviness) and śūla (colic pain).

भ्रग्निदीप्तिकरस्तीक्ष्णष्टं**कण**क्षार उच्यते ।

Tankana kṣāra (Borax)

Tankana kṣāra is a digestive stimulant and it is sharp.

**'सुधाक्षारो**ऽग्निना तुल्यः क्लेदी पक्ता विदारणः ॥७॥

## Sudhākṣāra

Sudhākṣāra is like fire. It is kledi (produces stickiness), paktā (stimulant of digestion and metabolism) and vidāraņa (which causes perforation).

इवादंड्ट्रो मधुरः शीतो लघुः स्रोतोविशोधनः । Svadamstrā ksāra

The kṣāra of śvadamṣṭrā is sweet, cooling and light. It cleanses the channels of circulation.

ग्रनपत्यकरः श्र<sup>ेष्</sup>ठः **पालाशः** सर्वकर्मसु ।।८।।

## Palāša kṣāra

The kṣāra of palāśa prevents conception and is the most useful.

पूतीकनक्तमालार्कंघवमुष्ककपाटलाः ।
4
सर्षपत्रपुसैर्वारकदलीतिलिशिगुजाः ।।६।।
5
कोशातकीन्द्रतर्कारी शिखरी वरुणाग्निजाः ।
क्षाराश्चान्येऽपि गुल्मार्शोग्रहणीरुक्छिदः सराः ।।१०।।
पाचनाः कृमिपुंस्त्वघ्नाः शर्कराश्मरिनाशनाः ।
चक्षुःकेशीजसां नेष्टा रक्तपित्तकराः परम् ।। ११ ॥

[माधवद्रव्यगुणः लवणवर्ग २:६-१३]

॥ इति क्षाराः ॥

## Other ksāras

Kṣāras prepared of pūtīka, naktamāla, arka, dhava, muṣkaka, pāṭalā, sarṣapa, trapusa, ervāru, kadalī, tila, śigru, kośātaki, indra, tarkārī, śikhari, varuṇa, agni and such other drugs cure gulma (phantom tumour), arśas (piles) and grahaṇī (sprue syndrome). They are laxative and carminative. They cure kṛmi (parasitic infection). They cause impotency. They cure śarkarā (gravel) and aśmari (stone in the urinary tract). They are harmful for the eyesight, hair and ojas. They cause rakta pitta (a disease characterised by bleeding from different parts of the body).

६
 ६चकं रोचनं हृद्यं दीपनं पाचनं परम्।
 सस्नेहं वातनुन्नातिपित्तल विशद लघु।। १२।।
 उद्गारशुद्धिद सूक्ष्म विबन्धानाह्जूलनुत्।

#### Rucaka

Rucaka is an excellent appetiser, cardiac tonic, digestive stimulant and carminative. It is unctuous. It alleviates vāyu but does not aggravate pitta in excess. It is viśada (non-slimy) and light. It cleanses udgāra (eructation). It is subtle. It cures vibandha (constipation), ānāha (flatulence) and śūla (colic pain).

सौवर्चलगुणाः कृष्णे लवणे गन्धविज्ञताः ॥ १३ ॥

Krsna lavana

Kṛṣṇa lavaṇa shares all the properties of sauvarcala except the smell.

रोचन दीपन स्वादु **रोम**क मारुतापहम्।

#### Romaka

Romaka is an appetiser, digestive stimulant, sweet and alleviator of vāyu.

# सितक्तं कटुकं क्षारं तीक्ष्णमुत्कलेदि चोद्भिदम् ॥१४॥

#### Udbhida

Udbhida is bitter, pungent, alkaline and sharp. It produces kleda (sticky material) in the body.

'पांशुजं तिक्तमुष्णं च शोफपित्तकफापहम्।

#### Pāmsuja

Pāmsuja is bitter and hot. It cures sopha (oedema) and aggravation of pitta and kapha.

गुल्महृद्ग्रहणीपाण्डुप्लीहानाहगलामयम् ॥ १५॥

श्वासार्शः कफवाताश्व शमयेद्यावश्कजः ।

#### Yavaśūkaja kṣāra

The ksāra of yavaśūka cures gulma (phantom tumour), hṛdroga (heart disease), grahaṇī (sprue syndrome), pāṇḍu (anemia), plīhan (splenic disorder), ānāha (flatulence), galāmaya (diseases of throat), śvāsa (asthma), arśas (piles) and aggravation of kapha as well as vāyu.

तस्मादल्पान्तरगुणः **सर्जिकाक्षार** उच्यते ॥ १६॥' [माधवद्रव्यगुणः लवणवर्ग २:७-६]

## Sarjikā kṣāra

Sarjikā kṣāra is slightly inferior in property in comparison with yavaśūkaja kṣāra.

उष्णोऽनिलघ्नः प्रक्लेदी उषःक्षारोऽग्निनाशनः ।

## Uşah kşāra

Uṣaḥ kṣāra is hot, alleviator of  $v\bar{a}yu$  and  $prakled\bar{i}$  (which produces sticky matter). It destroys the power of digestion.

मेदोध्नः पाचितः क्षारः मुखबस्तिविशोधनः।

विरूक्षणोऽनिर्मकरः श्लेष्मदनः पित्तदषणः ॥ १७॥

## Pācita kṣāra

Pācita kṣāra cures medas (adiposity). It cleanses the mouth and vasti (urinary bladder). It is un-unctuous. It aggravates vāyu, alleviates kapha and vitiates pitta.

#### NOTES AND REFERENCES

- 1. वातनत्तिक्तमरूक्षं इति षष्ठपुस्तके पाठः।
- 2. साक्षरं इति आदर्शपुस्तिकासु पाठः।
- 3. स्वाद्वम्लो इति आकरे पाठः।
- 4. सर्षपत्रपुषैवश्किदलीतिलशिग्रुजाः इति आकरे पाठः ।
- 5. शिरीषवरुणाग्निजाः इति आकरे पाठः ।
- 6. रुचिकं इति षष्ठपुस्तके पाठः।

#### CHAPTER 4

वातासृक्षित्तजित् स्वादुः स्निग्धः प्रीणनवृंहणः ।

जीवनस्तर्पणो वृष्यः शीतश्चेक्षुरसः सर: ॥ १ ॥

[माधवद्रव्यगुण इक्षुवर्ग ३:१०]

## Ikșurasa (Sugarcane juice)

The juice of *ikṣu* alleviates *vāyu*, blood and *pitta*. It is sweet, unctuous, pleasing, nourishing, life giver, refreshing, aphrodisiac, cooling and laxative.

इक्षवो मधुरा बल्या विपाके मधुरा सराः।

स्निग्धाः कृमिकराश्चेति ते चानेकविधाः मताः ॥२॥

## Ikṣu (Sugarcane)

Different types of ik su are sweet, strength promoting, sweet in  $vip\bar{a}ka$ , laxative, and unctuous. They cause krmi (parasitic infection).

'पौण्डुको भीरकश्चेति वशकः शतपोरकः।

कान्तारेक्षुस्तापसेक्षुः काष्ठेक्षुः सूचिपत्रकः ।

## ंनैपालो दीर्घपत्रश्च नीलपोरो[ऽ] थ कोशकृत् ॥३॥'

[भावप्रकाशः इक्षुवर्ग २३:३-४]

2 इत्येता जातयः स्थौल्यान् गुणान्वक्ष्याम्यतः परम् ।

Ikṣu is of different types viz., pauṇḍraka, bhīruka, vaṁśaka, śataporaka, kāntārekṣu, tāpasekṣu, kāṣṭhekṣu, sūci patraka, naipāla, dīrgha patra, nīlapora, and kośakṛt. These are the varieties in general and now their properties will be described.

३ सुक्षीनो मधुरः स्निग्घो बृंहणः क्लेष्मलः सरः ॥ ४ ॥"

[माधवद्रव्यगुणः इक्षुवर्ग ३:३-४]

**दीर्घपोरः** सुकठिनः सक्षारो वंशको मतः ।

[भावप्रकाशः इक्षुवर्ग २३:८]

## Dīrghapora & Vamsaka

Dirghapora is exceedingly cooling, sweet, unctuous, nourishing, aggravator of kapha and laxative.

Vamsaka is hard and alkaline.

'वशवच्<mark>छतपोरस्तुं</mark> किञ्चिदुष्णः स वातहा ॥ ५ ॥ *Satapora* 

Śatapora is 1.ke vamśa. It is slightly hot and it alleviates  $v\bar{a}yu$ .

कांतारतापसाविक्ष् वशकानुगतौ मतौ ।

Kāntāra & Tāpasa

Kāntāra and tāpasa types are like vamsaka.

एवगुणस्तु काण्डेक्षुर्वातिपत्तप्रकोपनः ॥'६॥

[माधवद्रव्यगुणः इक्षुवर्ग ३:६-'७]

## Kāndeksu

Kāndekṣu has similar properties but it aggravates vāyu and pitta.

र सूचीपत्रो नीलपोरो नेपालो दीर्घपत्रकः ।

वातलाः कफपित्तघ्नाः सकषाया विदाहिनः ॥ ७ ॥

Sūcīpatra etc.

 $S\bar{u}c\bar{i}patra$ ,  $n\bar{i}lapora$ ,  $nep\bar{a}la$  and  $d\bar{i}rgha$  patraka aggravate  $v\bar{a}yu$ . They alleviate kapha and pitta. They are astringent and they cause burning sensation.

**कोशकारो** गुरु शीतो रक्तपित्तक्षयापहः । *Kośakāra* 

Kośakāra is heavy and cooling. It cures raktapitta (a disease characterised by bleeding from different parts of the body) and kṣaya (consumption).

ग्रतीव मधुरो मूले मध्ये मधुर एव च । 8 श्रग्नेत्विक्षुश्च विज्ञेय इक्षूणां लवणो रसः ॥ ८॥

[माधवद्रव्यगुणः इक्षुवर्ग ३ : ७-६]

Taste of the different parts of Ikşu

The root (lower part of the stem) of *ikṣu* is extremely sweet. The middle portion of the stem of this plant is (moderately) sweet. The upper part of the stem bears saline taste.

भविदाही कफकरो वातिपत्तिनवर्हणः । चक्षुःप्रह्लादनो वृष्यो दन्तिनिष्पीडितो रसः ॥ ६ ॥

## Juice extracted by chewing

The juice of *ikṣu* that comes out by chewing does not cause any burning sensation. It aggravates *kapha* but alleviates *vāyu* and *pitta*. It is nourishing to the eyes and aphrodisiac.

'गुर्शिवदाही विष्टम्भी यान्त्रिकस्तु प्रकीतितः ।

#### Juice extracted by a machine

The juice of *ikṣu* that is extracted by a machine is heavy and it causes burning sensation. It is constipative.

पक्वो गुरुः सरः स्निग्धः सतीक्ष्णः कफवातनुत्।

## Boiled juice

The boiled juice of iksu is heavy, laxative, unctuous and sharp. It alleviates kapha and  $v\bar{a}ta$ .

ा० ''**फाणितं** गुर्वेभिष्यन्दि वृंहण कफशुक्रलम्' ।। १० ।। माधवद्रव्यगुणः इक्षवर्ग ३ : १२-१३]

वातिपत्तश्रम हन्ति मूत्रवस्तिविशोधनम् ।

## Phānita (Penidium)

Phāṇita is heavy, abhiṣyandi (which obstructs the channels of circulation) and bṛṁhaṇa (nourishing). It produces more of kapha and semen. It alleviates vāta and pitta. It relieves exhaustion and cleanses urine and urinary bladder.

## रूक्षं मधूकपुष्पोत्थं फाणितं वातपित्तजित्" ॥ ११ ॥

Phāṇita prepared of the flower of madhūka is ununctuous. It alleviates vāta and pitta.

'गुड़ो वृष्यो गुरुः स्निग्घो वातष्नो मूत्रशोधनः। नातिपित्तहरो मेदःकफकृमिबलप्रदः' ॥ १२॥

[भावप्रकाशः इक्षुवर्ग २३: २५]

## Guḍa (Molasses)

Guda is aphrodisiac, heavy and unctuous. It alleviates  $v\bar{a}yu$  and cleanses urine. It does not alleviate pitta in excess. It produces medas (adiposity), kapha, kṛmi (parasițic infection) and strength.

'पित्तघ्नो मधुरः स्निग्धो वातहासृक्प्रसादनः । सः पुराणोऽधिकगुणो गुड़पथ्यतम स्मृतः' ॥ १३ ॥ [माधवद्रव्यगुणः इक्षुवर्ग ३ . १५]

हृद्यः पुराणो तर्पण्यो नवः इनेष्मग्निसादकृत् ।

Guḍa which is preserved for a long time (purāna) alleviates pitta. It is sweet and unctuous. It alleviates vāyu and promotes blood. It is superior in therapeutic property and is wholesome par excellence. It is a cardiac tonic.

Freshly collected (nava) guda reduces kapha and the power of digestion.

भ्या यथेषां वैभल्य भवेच्छैत्य तथा तथा ।

12 13

"स्नेहगौरवमाधुर्यं रसत्वं च तथा तथा' ।। १४।।

Guḍa, matsyanḍikā, khaṇḍa, śarkarā and vimalā—they are progressively free from impurity, cooling, unctuous, heavy, sweet and delicious.

वातिपत्तहरं शीतं स्निग्ध हृद्य मुखप्रियम् ।
चक्षुष्य बृंहण बत्य खंड वृष्यत्र मतम् ।

Khanda (Candied sugar)

Khanda alleviates vāyu and pitta. It is cooling, unctuous, cardiac tonic, delicious, promoter of eyesight, nourishing and strength promoting. It is an approdisiac par excellence.

भीणक्षतिहिता वृष्या स्निग्धा पौण्ड्रकशकरां ॥ १६ ॥
[माधवद्रव्यगुण इक्षुवर्ग ३ : १५-१७, १८]

## Pauņģraka šarkarā

Pauņāraka šarkarā is useful in kṣīṇa (emaciation) and

ksata (phthisis). It is aphrodisiac and unctuous.

'छर्बतीसारतृष्णाघ्नी विरूक्षा **मधुशकंरा**' । [माधवद्रव्य इक्षवर्ग ३ : २१]

#### Madhu sarkarā

The śarkarā prepared of madhu (honey) cures chardi (vomiting), atisāra (diarrhoea) and tṛṣṇā (morbid thirst). It is exceedingly un-unctuous.

16
'मूत्रक्रच्छाश्मरीप्लीह्नि हिता सामुद्धिकोद्भवा ॥१७॥
ज्वरासृक्पित्ततृट्छिदमोहमूच्छिविषातिषु ।

#### Sāmudrikodbhavā šarkarā

The sāmudri'codbhavā śarkarā is useful in the treatment of mūtrakṛcchra (dysuria), aśmari (stone in the urinary tract), plīhan (splenic disorder), jvara (fever), asṛkpitta (a disease characterised by bleeding from different parts of the body), tṛṭ (morbid thirst), chardi (vomiting), moha (unconsciousness), mūrchā (fainting) and vīṣa (poisoning).

सर्वा एवामृतप्रख्याः शर्कराः समुदाहृताः ॥ १८॥ Sarkarā in general

All types of śarkarā are like ambrosia.

17
सारे स्थिता निर्मेलाश्च त्यक्तशारा यथा यथा ।
नया तथा वीर्यवत्यः शीतवीर्यास्तथा तथा' ।। १६ ।।

[माधवद्रव्यगुणः इक्षुवर्गे ३ : १६-२१]
।। इत्यिक्षुवर्गः ।।

Depending upon these three factors viz., (1) extraction from the most useful part, (2) freedom from impurity and (3) freedom from alkalinity, the śarkarā becomes progressively more potent and more cooling in potency.

Thus ends the group dealing with sugarcane and its derivatives.

#### NOTES AND REFERENCES

- 1. नेपालो इति स्राकरे पाठः।
- 2. इत्येते ज्ञातयः स्थौल्याद् गुणत्वक्सारतो मताः इति भ्राकरे पाठः ।
- 3. सुशीतो---सरः पाठोऽय द्वितीयपुस्तके नोपलभ्यते ।
- 4. वंशकः स्मृतः इति स्राकरे पाठः ।
- 5. वंशवत् शतपोनस्तु इति आकरे पाठः ।
- 6. कान्तेक्षः स च वातप्रकोपणः इति आकरे पाठ·।
- 7. नैपालो इति भावप्रकाशे पाठ ।
- 8. अग्रे ग्रन्थित्वचोर्ज्ञेयो लवणो रस एव च इति ग्राकरे पाठ ।
- 9. कफवातजित् इति ग्राकरे पाठः।
- 10. फाणितं --- वातिपत्तिजत् पाठोऽयं षष्ठपुस्तके नोपलभ्यते ।
- 11. परम इति श्राकरे पाठः।
- 12. सञ्चरेच्च इति आकरे पाठ.।
- 13. स्नेह---- तथा तथा पाठोऽयं द्वितीयपुस्तके नोपलम्यते ।
- 14. स्निग्धं शीतं बल्य इति श्राकरे पाठः ।
- 15. स्निग्धा खण्डस्य शर्करा इति ग्राकरे पाठः ।
- 16. प्लीहहिता इति ग्राकरे पाठः।
- 17. सारोत्थिता इति स्राकरे पाठः ।
- 18. त्यक्तक्षीरा इति द्वितीयपुस्तके पाठः।

#### CHAPTER 5

1
"वौतिकं भ्रामरं क्षौद्रं माक्षिकं छात्रमेव च ।
प्रार्थ्यमौद्दालक दालिमत्यष्टौ मधुजातयः ॥ १॥"
[भावप्रकाशः मधुवर्ग २२:६]

## Madhu (Honey)

## Variety

Paittika, bhrāmara, kṣaudra, mākṣika, chātra, ārghya, auddālaka and dāla—these are the eight varieties of madhu.

कषायानुरस रूक्ष शीतलं मघुर **मधु**। दीपन लेखन बल्य व्रणशोधनरोपणम् ॥२॥
2
सधान लघु चक्षुष्य स्वर्य हृद्यं त्रिदोषनुत् ।

## **Property**

Madhu is astringent in anurasa (after-taste), un-unctuous, cooling, sweet, a digestive stimulant, lekhana (depleting) and strength promoting. It cleans and heals ulcers and helps in the joining of fractured bones. It is light, promoter of eyesight and good voice, cardiac tonic and alleviator of all the three doṣas.

3
 छर्दिहिक्काविषश्वासकासशोथातिसारजित् ॥ ३॥
 ४
 रक्तपित्तहर ग्राही कृमिघ्न मोहहृत्परम्।

It cures chardi (vomiting), hikkā (hiccup), viṣa (poisoning), śvāsa (asthma), kāsa (bronchitis), śotha (oedema), atisāra (diarrhoea) and raktapitta (a disease characterised by bleeding from different parts of the body). It is constipative. It cures kṛmi (parasitic infection). It is an excellent drug for curing moha (unconsciousness).

पैन्छिल्यात्स्वादुभूयस्त्वात्पैत्तिक गुरु सस्मृतम् ॥ ४ ॥

#### Paittika

Paittika type of madhu is slimy and sweet in excess. Therefore it is known to be heavy.

भ्रामर कुरुते जाडचं भूयिष्ठ मधुर च तत्।

#### Bhrāmara

Bhrāmara type of madhu produces jādya (numbness and rigidity). It is excessively sweet.

क्षोद्रं विशेषतो इय शीतल लघु लेखनम्।। १।।

## Kṣaudra

Kṣaudra type of madhu is specifically cooling, light and lekhana (depleting).

तस्माल्लघुतर रूक्ष माक्षिक प्रवर स्मृतम्। श्वासादिषु च रोगेषु प्रशस्त तद्विशेषतः ।। ६ ॥''

[माधवद्रव्यगुण: मधुवर्ग ४:१-७]

## Māksika

Mākṣika type of madhu is lighter than the former. It is

exceedingly un-unctuous. It is specifically, useful in diseases like śvāsa (asthma).

## Freshly Collected Madhu

Freshly collected (nava) madhu is nourishing. It does not alleviate kapha in excess. It is very useful.

"स्वादुपाक गुरु हिम पिच्छिल रक्तापत्तिज्ञत् ॥७॥ ७ विवत्रमेहकृमिध्न च विद्याच्छात्र गुणोत्तरम् ।

#### Chātra

Chātra type of madhu is sweet in vipāka, heavy, cooling and slimy. It cures raktapitta (a diseases characterised by bleeding from different parts of the body), śvitra (leucoderma), meha (obstinate urinary disorders including diabetes) and kṛmi (parasitic infection). It is of superior quality.

## Ārghya

 $\bar{A}rghya$  type of madhu is an excellent promoter of eyesight. It is also an excellent alleviator of kapha and pitta. It is astringent in taste and pungent in  $vip\bar{a}ka$ . It is bitter and does not aggravate  $v\bar{a}yu$ .

श्रौहः। लिक रुचिकर स्वर्य कुष्ठविषापहम् ।

कषायमुष्णमम्ल च पित्तकृत्कटुपाकि च ॥ ६॥

[भावप्रकाशः मधुवर्ग २२ . २१] [माधवद्रव्यगुण मधुवर्ग ४ . ६]

#### Auddālika

Auddālika type of madhu is appetiser and promoter of good voice. It cures kuṣṭha (obstinate skin diseases including leprosy) and viṣa (poisoning). It is astringent, hot and sour. It aggravates pitta. It is pungent in vipāka.

र्छादिमेहप्रशमन मधुरूक्ष दलोद्भ्वम् ।

Dalodbhava

Dalodbhava type of madhu cures chardi (vomiting) and meha (obstinate urinary disorders including diabetes). It is un-unctuous.

विशेषात्पौतिकं तेषु रक्षोघ्न सर्पिषान्वयात् ।

### Special attribute of Paittika

Paittika type of madhu is specially raksoghna (which cures afflictions by evil spirits including germs) when used mixed with ghee.

मेद.स्थौल्यापह ग्राहि पुराणमितलेखनम् ॥ १०॥

[माधवद्रव्यगुणः इक्षुवर्ग ४ - द-१२]

10
तद्युक्त विविधैद्र व्यै निहन्यादामयान्वहून् ।

नाना द्रव्यात्मकत्वाच्च योगवाहि मधु स्मृतम् ॥ ११॥

[माधवद्रव्यगुण मधुवर्ग ४ : १५]

दोषत्रयहर पदा मध्वाम तत्त्रिदोषकृत ।

## Madhu in general

Madhu in general cures medas (fat) and sthaulya (obesity). It is constipative and when preserved for a long time (purāṇa), it is exceedingly depleting. It is a mixture of many drugs; therefore, it cures many diseases. In view of its association with many drugs it is known to be yogavāhin (which enhances the property of other drugs). It alleviates all the three doṣas when properly digested. If āma is produced by its improper digestion it vitiates all the three doṣas.

11 उष्णात्तं स्योष्णकाले च ज्ञेय विषसमं मधु ॥ १२॥

#### Adverse effect

In a person who is afflicted with heat and during the summer season, madhu works like a poison.

तत्सौकुमार्याच्च तथैव शैत्यान्नानौषधीनां रससंभवाच्च ।

उष्णैविषद्धेन विशेषतस्तु तथान्तरिक्षेण जलेन वापि ॥ १३॥

Madhu is tender (sukumāra) and cooling. It is produced by the mixture of the juices (rasa) of many drugs. Therefore, it is specifically opposed to heat. It also produces adverse effects when used by mixing with rain water (?).

उष्णेन मधु संयुक्त वमनेष्ववचारितम् । 12 ग्रपाकादनवस्थानात् विरुद्धेत्त[न्न] पूर्ववत् ॥ १४॥

In emetic therapy, *madhu* is mixed with hot water and administered. It does not produce any adverse effect because it does not stay in the stomach (comes out along with vomiting), and therefore, does not get digested to produce such an effect.

लवण मधुना नैव तच्च क्षीरेण सयुतम् । कदाचिन्नैव दातत्ये तृल्ये च मध् सर्पिषी ॥ १५ ॥

## Combination

Salt should not be used in combination with either honey or milk. Honey and ghee should never be used together in equal quantities.

> श्चन्यद्रव्ययुत पूर्व सर्पिर्वाप्यथवा मधु । सम न कुरुते दोषमाहु भेषजवेदिनः ॥ १६॥ ॥ इति मधुवर्गः ॥

When honey and ghee are used in equal quantities but mixed with other drugs, then such a combination, according to scholars, does not produce any adverse effect.

Thus ends the group of different types of madhu.

#### NOTES AND REFERENCES

- 1. भ्रामरी इति पष्ठपुस्तके पाठ ।
- 2. त्रिदोपजित् इति स्राकरे पाठः ।
- 3. छदिहिक्काविपदवासकासको पातिसारनुत् इति आकरे पाठः ।
- 4. क्रिमित्ण्मोहहृत्परम् इति श्राकरे पाठः।
- 5. यन् इति आकरे पाठः ।
- 6. वातश्लेष्महर इति द्वितीयपुस्तके पाठः ।
- 7. तृष्णावान्त्यतिसारनुन् इति आदर्शं पुस्तिकासु पाठः ।
- वत्य पित्तामवातकृत् इति माधवद्रव्यगुणे पाठः । तिक्तञ्च बलप्ष्टिकृत् इति भावप्रकाशे पाठः ।
- 9. बन्यामवातकृत् इति षष्ठपुस्तके पाठ. ।
- 10. लघूष्णें इति स्रादर्शनुस्तकेषु पाठः ।
- 11. उप्णार्त्तमुष्णैरुप्णैवातं निहन्ति यथा विषम् इति द्वितीयपुस्तके पाठः ।
- 12. विरुद्धेत्तच्चपूर्ववत् इति द्वितीयपुस्तके पाठः ।

### CHAPTER 6

"गन्यमाज तथीरमा माहिष चौब्दिक च यत् । श्रद्भवायाञ्चैव नाग्याञ्च मानुषांणां च यत्पयः ॥ १॥ उ तत्त्वनेकौपधिरस प्राणिना प्राणदं गुरु । मधुर पिच्छिल स्निग्ध शांत सूक्ष्म सर स्मृतम् ॥ २॥ Payas (Milk)

## Variety

The milk of go (the cow), ajā (the goat), urabhra (the sheep), mahişa (buffalo), uṣṭra (the camel), aśva (the horse), nāga (the elephant) and manuṣya (woman) is used in medicine. The milk of these animals contains the essence (rasa) of many drugs, and therefore, it is life giver, heavy, sweet, slimy, unctuous, cooling, subtle and laxative.

पथ्य रसायनं बल्यं हृद्यं मेध्य गवां पयः। आयुष्यं पुस्त्वकृद्वातरक्तिपत्तिविकारनुत् ॥ ३॥ Go payas (Cow's milk)

Cow's milk is wholesome, rejuvenating, strength promo-

ting and cardiac tonic. It promotes intellect, longevity and virility. It cures aggravation of  $v\bar{a}yu$  and raktapitta (a disease characterised by bleeding from different parts of the body).

'छाग कषायं मधुर शीतं ग्राहि पयो लघु।

रक्तिपत्तातिसारघ्न क्षयकासज्वरापहम् ॥ ४॥

Chāga payas (Goat's milk)

Goat's milk is astringent, sweet, cooling, constipative and light. It cures raktapitta (a disease characterised by bleeding from different parts of the body), atisāra (diarrhoea), kṣaya (consumption), kāsa (bronchitis) and jvara (fever).

ग्रजानामल्पकायत्वात्कटुतिक्तनिषेवणात् ।

4
स्तोकाम्बुपानाद् व्यायामात्सर्वव्याधिहरं पयः ॥ ५॥"

[भावप्रकाशः दुग्धवर्ग १४:१६-१७]

Goats have a small physique. They eat mostly pungent and bitter things and drink very little water. They perform a lot of physical exercise. (They are agile). Therefore, goat's milk cures all diseases.

क्रोरभां मधुरं स्निग्ध गुरुपित्तकफापहम् । ६ उष्णं शुद्धेऽनिले पथ्यं कासे चानिलशोणिते ॥ ६ ॥'

## Urabhra payas (Sheep's milk)

The milk of the sheep is sweet, unctuous and heavy. It alleviates pitta and kapha. It is hot and is wholesome for patients having an aggravation of  $v\bar{a}yu$  alone. It cures  $k\bar{a}sa$  (bronchitis) and  $anila\acute{s}onita$  (gout).

<sup>7</sup> महाभिष्यन्दि मधुरं **माहिष** पक्तिनाशनम् ।

## निद्राकरं शीतकर गव्यात्स्निग्धतरं गुरु ॥ ७ ॥ Mahisa payas (Buffalo milk)

The milk of the buffalo is exceedingly abhisyandi (which obstructs channels of circulation) and sweet. It suppresses the power of digestion. It induces sleep and produces a cooling effect. It is more unctuous and heavy than cow's milk.

The milk of the camel is un-unctuous, hot, saline, sweet and light. It is useful in the aggravation of vāta and kapha, ānāha (flatulence), kṛmi (parasitic infection), śopha (oedema), udara (obstinate abdominal diseases including ascitis) and arśas (piles).

## Ekaśapha payas (Mares milk)

The milk of the mare is hot. It promotes strength. It cures affliction of the limbs by  $v\bar{a}yu$ . It is sweet and sour in taste, un-unctuous, saline in anurasa (subsidiary taste) and pungent.

# हस्तिन्या मधुरं वृष्य कषायानुरस गुरु । Hasti payas (Elephant's milk)

The milk of the elephant is unctuous, sthairyakara (pro-

ducing steadiness) and cooling. It promotes eyesight and strength. It is sweet, approdistate and astringent in anurasa (subsidiary taste) and heavey.

जीवन वृहण सात्म्य स्नेहन मानुषी पयः ।
12 13
नावन रक्तपित्तेषु तर्पण चाक्षिशूलनुत् ॥ 10 ॥

Mānuṣi payas (Woman's milk)

The woman's rilk promotes longevity and nourishment. It is wholesome and unctuous. Its inhalation cures raktapitta (a disease characterised by bleeding from different parts of the body). When used in akṣatarpana therapy (application of cotton swab soaked in the milk over the eyes) it cures pain in the eyes.

म्रथ वर्णभेदे गुणा:--

कृष्णायार्गोर्भवेद्दुग्ध दातहारि गुणाधिकम् । पीताया हरते पित्त तथा वातहर भवेत् ॥ 11 ॥ श्लेष्मलं गुरु शुक्लायाः रक्तायाः वातकृत्पयः ।

## Property of the milk of cows of different colours

The milk of a black cow alleviates  $v\bar{a}yu$  and it is superior in quality. The milk of a yellow cow alleviates pitta and  $v\bar{a}yu$ . The milk of a white cow aggravates kapha. The milk of a red cow aggravates  $v\bar{a}yu$ .

वालवत्सविवत्साना गिवां क्षीर त्रिदोषकृत् ॥ 12 ॥ वष्कियण्यास्त्रिदोषध्नं तर्पण बत्रकृत्पय ।

#### Other Varieties

The milk of the cow having a very young calf or without a calf aggravates all the three dosas. The milk of a cow long after her delivery  $(baskayin\bar{i})$  alleviates all the three dosas. It is refreshing and strength promoting.

जांगलानूपर्गैलेषु चरन्तीना यथोत्तरम् ॥ १३॥ पयो ग्रुतर स्नेहो यथाचार प्रवन्ते।

The heaviness and unctuousness of the milk progressively increases depending upon the arid, marshy and hilly areas in which the cow grazes.

स्वल्पान्नभक्षणाज्जात क्षीर गुरु कफापहम् ।। १४ ।।

तत्तु बल्य पर वृष्य स्वस्थाना गुणदायकम् ।

पलालतृणकार्पासवीजन रोगिणे हितम् ।। १४ ॥

The milk of the cow which takes less food is heavy and it alleviates *kapha*. For healthy persons it is very useful inasmuch as it promotes strength and virility. The milk of the cow which eats straw, grass and cotton seed is useful for patients.

15 धारोष्ण गोपयो बल्य लघुशीत सुधासमम् । त्रिदोषनुद्दीपन तद्धाराशीत त्रिदोषकृत् ॥ १६॥

The warm milk of the cow immediately after milking (dhāroṣṇa) promotes strength. It is light and cooling. It is like ambrosia. It alleviates all the three doṣas and it stimulates the digestion. When it becomes cold after milking (dhārā śīta) it aggravates all the three doṣas.

वर्जियत्वा स्त्रियाः स्तन्यमामेव हि तद्धितम् ।

The Woman's milk is an exception to this rule inasmuch as it is useful only when it is cold.

त्रामवातकरं चामं धारोष्णममृतं पयः ।। १७ ।। <sup>\*</sup>

Cold milk causes āmavāta (rheumatism) and dhāroṣṇa (when it is warm immediately after milking) milk is like ambrosia.

'धारोष्ण शस्यते गव्य धाराशीत तु माहिपम् । श्रुतोष्णमाविक क्षीरं श्रुतशीतमजापयः ॥ १८॥

Cow's milk is useful when it is dhāroṣṇa and buffalo's milk is useful when it becomes cold after milking (dhārā śīta). Sheep's milk is useful when it is warm after boiling. Goat's milk should be used when it is cold after boiling.

श्वतोष्ण कफवातव्न श्वतशोत तु पित्तनुत्।

Boiled and hot milk alleviates kapha and  $v\bar{a}ta$ . The milk which is cooled after boiling alleviates pitta.

म्रर्द्धोदक क्षीरशिष्ट मानाल्लघुतर हितम् ॥ १६ ॥

The milk which is boiled with half of water till the original quantity of milk remains is lighter and useful.

जलेन रहित दुग्धमितपक्वं यथा यथा। तथा तथा गुरु स्निग्ध वृष्य बलविवर्धनम् ॥ २०॥

[भावप्रकाश दुग्धवर्ग १४:२५-२८]

The milk which is excessively boiled by which it becomes free from its water content, depending upon the time of boiling, becomes progressively more and more heavy, unuctuous, aphrodisiac and promoter of strength.

क्षीरसतानिका बल्या वृष्या पित्तानिलापहा।

The  $sant\bar{a}nik\bar{a}$  (the layer of cream which is formed on the surface when the milk is boiled on low heat) of milk promotes strength and virility. It alleviates pitta and  $v\bar{a}yu$ .

16 रात्रौ क्षीर न सेवेत सेवेत यदि न स्वपेत् ॥ २१॥ यदि स्वपेद्धरत्यायुस्तस्मात्पथ्यं दिवा पयः ।

## Time of taking milk

Milk should not be taken at night. If one happens to

to take milk at night, then he should not sleep. If he sleeps after taking milk, then it reduces longevity. Therefore, milk is wholesome if taken during day time.

रात्रौ चन्द्रगुणाधिक्याद्व्यायामपरिवर्जनात् ॥२२॥ प्रभातिक पयः प्रायो विष्टम्भि गुरु दोषलम् । दिवाकरकराघाताद् व्यायामानिलसेवनात् । 17 प्रादोषं श्रमनुद्बल्य चक्षुष्य वातपित्तहृत् ॥ २३॥

During night the attributes of the moon become predominant and there is no exercise. Therefore early morning (prabhāta) milk is generally constipative, heavy and aggravator of doṣas. On the other hand, there is exposure to sun shine, exercise and wind, for which the evening (pradoṣa) milk alleviates fatigue. It promotes strength and eye sight. It alleviates vāyu and pitta.

## सेवनसमयभेदे गुराभेदः —

"वृष्य बृंहणमग्निदीप्तिजनन पूर्वाह्मकाले पयो ।

#### Time of intake

Milk taken in the forenoon produces aphrodisiac and nourishing effects. It stimulates the power of digestion.

मध्याह्ने बलवर्धन कफहरं पित्तापहं दीपनम् ॥ २४ ॥

Milk taken during noon-time promotes strength. It alleviates kapha and pitta. It is a digestive stimulant.

18
बाले वृद्धिकर क्षये क्षय[ह]र वृद्धेषु रेतोवहम् ।
20
रात्रौ पथ्यमनेकरोगशमन क्षीरंसदा चाक्षुषम्" ॥२५॥

[भावप्रकाशः दुग्धवर्ग १४: ३६]

Milk taken during the night promotes strength in children, cures consumption, increasingly produces semen in oldmen. It is wholesome and it cures many diseases. It invariably promotes eye sight.

'शर्करासहित क्षीरं कफक्टत्पवनापहम्।

#### Combination

When used in combination with śarkarā, milk produces kapha and alleviates vāyu.

सितासितोपलायुक्त शुक्रव दोषनाशनम् ।

In combination with sitā and sitopalā, milk produces semen and alleviates doṣas.

सगुड मूत्रकृच्छ्रघ्न पित्तश्लेष्मकर भवेत् ॥ २६॥ [भावप्रकाशः दुग्धवर्ग १४: ३६]

If taken in combination with guḍa, milk cures mūtra kṛcchra (dysuria) and it aggravates pitta and kapha.

'वदन्ति पेयं निशि केवलं पयो भोज्य न तेनेह सहौदनादिकम् । 21 भवेदजीर्ण यदि न स्वपेन्निशि क्षीरस्य पीतस्य न शेषमृत्सृजेत् ॥ २७ ॥

## Intake of milk at night

Some scholars hold the view that milk alone can be taken at night. But along with milk no other food like rice should be taken. If there is indigestion, then one should not sleep at night. One should not leave a part of the milk after drinking.

विदाहीन्यन्नपानानि दिवा भुक्ते हि मानवः ।
23
तद्विदाहप्रशान्त्यर्थ रात्रौ क्षीरं प्रशस्यते ॥ २८॥
[भावप्रकाशः दुग्धवर्ग १४:४०-४१]

Generally, human beings take food and drinks during, the day time which cause burning sensation (vidāhin). To alleviate this burning sensation, milk is useful at night.

'विवर्णं विरसं चाम्ल दुर्गन्धं ग्रथित पयः । 24 वर्जयेदम्ललवण युक्त कुष्ठादिरोगकृत् ॥ २६॥'

[भावप्रकाश. दुग्धवर्ग १४: ४६]

## Bad quality

Milk whose colour and taste are changed, which has become sour, which produces a putrid smell and which is of knotted appearance should not be used. It should not be used when mixed with sour things and salt because this type of milk produces diseases like *kuṣṭha* (obstinate skin diseases including leprosy).

25 'दीप्तानले कृशे पुंसि बाले वृद्धे रतप्रिये । 26 मत हिततम दुग्ध सद्यः शुक्रकरं पयः ॥ ३०॥

#### Indication

For persons whose digestive power is very strong, who are emaciated, for infants and old persons and for those who indulge in sex, milk is exceedingly useful. It produces semen instantaneously.

27 क्षीर गव्यमथाज वा . कोष्णं दण्डाहतं भवेत् । लघु वृष्यं ज्वरहर वातिपत्तिकफापहम् ॥ ३१॥ [भावप्रकाश. दुग्धवर्गं १४ : ४२-४३]

## Special Processing

When the luke-warm (kosna) milk of either a cow or a goat is stirred with a wooden rod (dandahata), it becomes light and aphrodisiac. It cures fever and alleviates vayu, pitta and kapha.

28
'क्षीरफेनं त्रिदोषघ्न रोचनं बलवर्धनम् ।
विद्वाबह्वकर पथ्य सद्यस्तृष्तिकरं लघु ।

अतीसारेऽग्निमान्द्ये च ज्वरे जीर्णे प्रशस्यते'।। ३२।।

[भावप्रकाशः दुग्धवर्ग १४:४४-४५]

शूलशोफामकासघ्नं विषमज्वरनाशनम् ।

उरः संधानजनन हिनकाश्वासनिष्दनम् ॥ ३३॥

Kṣīra phena (foam of the milk)

The foam that comes out of the milk (ksīra phena) alleviates all the three doṣas. It is an appetiser and promoter of strength as well as the power of digestion. It is wholesome, instantaneously refreshing and light. It is beneficial in atisāra (diarrhoea), agnimāndya (suppression of the power of digestion) and jīrṇajvara (chronic fever). It cures śūla (colic pain), śopha (oedema), āma, kāsa (bronchitis) and viṣama jiara (irregular fever). It heals the wound in the chest (uraḥ sandhāna) and cures hikkā (hic cup), and śvāsa (asthma).

नान्नहीन प्रदातव्य क्षीर तक भिष्वरै:।

#### Precaution

Milk and butter milk (takra) should not be given without food (anna) by a physician.

ताम्रे वातहरं क्षीर सौवर्णे पित्तनाशनम् ॥ ३४॥ रौप्ये कफहर चैव कांस्ये रक्तप्रसादनम्॥

#### Container

Milk in a copper container alleviates  $v\bar{a}yu$ . In a gold container it alleviates pitta, in silver it alleviates kapha and in a brass container it promotes blood.

29 क्षीर तत्काल सूतायाः **घनं पीयूषमुच्यते** ॥ ३५ ॥

Ghana & Pīyūşa

The milk of the cow immediately after delivery is called ghana and pīyūṣa.

सप्तरात्रात्पर क्षीरमप्रसन्नं तु **मोरटम् ।** <sup>30</sup> 'नष्टदुग्धासव मस्तु मोरट जय्यटोऽन्नवीत्' ॥ ३६॥

[भावप्रकाशः दुग्घवर्ग १४: ३२]

#### Morața

After seven days of the delivery, the milk is called *morața*. According to *Jayyața*, the *āsava* or *mastu* prepared of the curdled (*nasța*) milk is called *morața*.

पक्वं दथ्नासम क्षीर विज्ञेया दिधकू चिका। तकेण तककू चींस्यात्तयोः पिण्डः किलाटकः ॥ ३७॥ पाक विना स एव स्यात् क्षीरसीकः मितान्वितः। Dadhi kūrcikā, Takra kurcikā, Kılāţa etc.,

The preparation made out of boiling curd and milk (in equal quantity) is called  $dadhi\ k\bar{u}rcik\bar{a}$ . When this is done with buttermilk and milk it is called  $takra\ k\bar{u}rcik\bar{a}$ . If the preparation is made out in a solid form (pinda) then it is called  $kil\bar{a}taka$ . If the preparation is done without boiling but by adding sugar, then it is called  $k\bar{s}\bar{i}ras\bar{i}ka$ .

31 तकनष्टं स तक यद्दुग्ध [वस्त्रावगालितम्] ॥ ३८॥ द्रवगुणपरित्यक्तं तत्र **पिण्डः** स उच्यने।

## Pinḍa

When the curdled (naṣṭa) milk (?) or butter milk is filtered through a cloth and the residue is completely free from water, it is called pinḍa.

पीयूप मोरटक्चापि कूचिका दिधतक्रयोः ॥ ३६ ॥ किलाटः क्षीरसीकक्च तक्रिपण्डक्च पुष्टिदः । गुरवः श्लेष्मला वृष्या हृद्या वाताग्निनाक्षनाः ॥ ४० ॥

दीप्ताग्नीनामनिद्राणां व्यवाये चातिपूजिताः ।

## Property of Pīyūṣa etc.

 $P\bar{\imath}y\bar{u}\bar{s}a$ , morața, dadhi  $k\bar{u}rcik\bar{a}$ , takra  $k\bar{u}rcik\bar{a}$ ,  $kil\bar{a}$ ța,  $k\bar{s}\bar{\imath}ra-s\bar{\imath}ka$  and takra piṇḍa are nourishing and heavy. They aggravate kapha. They are aphrodisiacs and cardiac tonics. They alleviate  $v\bar{a}yu$  and suppress the power of digestion. They are exceedingly useful for those having a strong power of digestion, those suffering from sleeplessness and those indulging in sex.

घर्मे तु माहिष सेव्य हेमन्ते चाप्यजाविकम् । गव्यं क्षीरं तु वर्षासु नराणाममृतोपमम् ॥ ४१ ॥

#### Milk in different Seasons

Buffalo's milk should be us d in the summer season. The milk of goat and sheep is useful in *hemanta* (beginning of winter). Cow's milk is like ambrosia for human beings during the rainy season.

## ॥ इति क्षीरवर्गः ॥

Thus ends the group dealing with various types of milk.

#### NOTES AND REFERENCES

- 1. कारभं तथा इति आकरे पाठः।
- 2. अश्वायाश्चापि नार्याश्च करेणूनां इति आकरे पाठ.।
- 3. तत्त्वेनैकोषधिरसं इति षष्ठपुस्तके पाठः।
- 4. नात्यम्बुपानाद् इति स्राकरे पाठः ।
- 5. स्निग्धमुष्णं वातकफापहम् इति आकरे पाठ.।
- 6. गुरु इति आकरे पाठः।

- 7. महाभिष्यन्दि इति आकरे पाठः ।
- 8. क्षीरमुष्ट्रीणामीषत्सलवणं लघु इति स्राकरे पाठः ।
- 9. शोथो इति आकरे पाठः।
- 10. उष्णमैकशफं इति स्राकरे पाठ: ।
- 11. मानुषं इति आकरे पाठः।
- 12. रक्तिपत्ते तु इति ग्राकरे पाठः।
- 13. चाक्षिशूलनाम् इति ग्राकरे पाठः।
- 14. क्षीरित्रदौषहृत् इति पष्ठपुस्तके पाठः ।
- 15. सुधासमम् इति षष्ठपुस्तके पाठः।
- 16 रात्रि इति द्वितीयपुस्तके पाठः।
- 17. अदोषं इति षष्ठपुस्तके पाठः ।
- 18 वाते इति द्वितीयपुस्तके पाठः।
- 19. क्षयकरं इति द्वितीयपुस्तके पाठः।
- 20 वृष्य वृहणमग्निदीपनकरं पूर्वाह्मकाले पयो । मध्याह्मे बलवर्धन रितकरं कामाग्निसदीपनम् । बालेष्वग्निकरं क्षये हिनकर वृद्धेपु वीर्यप्रदम् । रात्रौ पथ्यमनेकदोषहरण क्षीर हित चक्षुपाम् । इति माधवद्रव्यगुणे पाठ ।
- 21. भवत्यजीर्ण न शयति शर्वरी इति ग्राकरे पाट ।
- 22. यन्नरः इति आकरे पाठ ।
- 23 सदा पिवेत् इति आकरे पाठः।
- 24 कुष्ठादिकृद् यतः इति स्राकरे पाठ ।
- 25. पय. प्रिये इति आकरे पाठः ।
- 26 यतः इति श्राकरे पाठ ।
- 27. पिबेत् इति ग्राकरे पाठः।
- 28 भवेत् फेनं इति आकरे पाठ।
- 29 पीयूषसममुच्यते इति पष्ठगुस्तके पाठः ।
- 30 जैज्जटोऽब्रवीत् इति पष्ठपुस्तके पाठः।
- वाससा । इति द्वितीयपुस्तके पाठः ।
   वसा गालितां इति षष्ठपुस्तके पाठः ।

#### CHAPTER 7

'दध्युष्णं दीपनं स्निग्घ कषायानुरस गुरु।
पाकेऽम्लं ग्राहि पित्तास्रशोथमेदःकफप्रदम्।।१।।
मूत्रकुच्छे प्रतीक्याये शीतगे विषमज्वरे।
ग
अतीसारेऽरुचौ काद्ये शस्यते बलशुक्रकृत्।।२॥

## Dadhı (curd)

Dadhi is hot, a digestive stimulant, unctuous, astringent in anurasa (subsidiary taste), heavy, sour in vipāka and constipative. It vitiates pitta and blood and aggravates śotha (oedema), medas (adiposity) and kapha. It is useful in mūtra kṛcchra (dysuria), pratiśyāya (cold), śītaga viṣamajvara (irregular fever which is associated with a feeling of cold), atisāra (diarrhoea), aruci (anorexia) and kārśya (emaciation). It promotes strength and semen.

श्रादौ मन्दं ततः स्वादुः स्वाद्धम्ल च ततः परम्। श्रम्लं चतुर्थमत्यम्लं पञ्चमं दिध पञ्चधा।। ३ ।।

## Variety

The first stage of dadhi is called manda (in which there is

no manifested taste). The second stage of it is called svādu (sweet) and the third stage is svādvamla (both sweet and sour in taste). During the fourth stage it is called amla (sour) and the fifth stage is called atyamla (excessively sour). These are the five varieties of dadhi.

**म द** दुग्धवदव्यक्तरस किञ्चिद् घृतं मनम् । Manda

Like milk, manda has no manifested taste and there is less of ghee in it.

मन्द स्यात्मृष्टविण्मूत्र दोषत्रयविदाहकृत् ॥ ४ ॥

It helps in the elimination of stool and urine. It vitiates all the three dosas and causes burning sensation.

यत्सम्द्रग्घनता यान व्यक्तं स्वादुरसं भवेत् । 2 श्रव्यक्ताम्लरस नत्तु स्वादुस्नज्ज्ञैरुदीरितम् ॥ ५ ॥

Srādu

When it gets properly condensed and there is the manifestation of a sweet taste it is called *svādu*. The sour taste in it is not manifested.

स्वादुः स्यादल्पाभिष्यन्दि वृथ्यं मेदःकफापहम्।

वातघ्न मधुरं पाके रक्तापित्तप्रसादनम्'॥६॥

[भावप्रकाशः दिववर्ग १५:१-६]

उ

प्राभातिक तु मधुर वानिपित्तनिवर्हणम् ।

Svādu is slightly abhisyandi (which obstructs the channels of circulation). It is aphrodisiac and it reduces medas (fat), kapha and vāta. It is sweet in vipāka. It produces more of blood and pitta. If this is taken during the early morning then it alleviates both vāyu and pitta.

'स्वाद्वम्ल साम्लमघ्रं कपायान्रसं भवेत् ॥ ७ ॥

#### Svädvamla

The svādvamla variety of dadhi is both sweet and sour in taste. It is astringent in anurasa (subsidiary taste).

स्वाद्वम्लस्य गणा ज्ञेया सामान्यदधिवज्जनैः ।

In properties, it is like dadhi in general.

यत्तिरोहितमाधर्य व्यि काम्लं च तदम्लकम् ॥ ।। ।।

#### Amlaka

When dadhi is deprived of its sweet taste, and its sour taste is well manifested, then it is called amlaka.

ग्रम्लं त दीपनं रक्तपित्तक्लेष्मविवर्धनम् ।

It stimulates digestion and aggravates blood, pitta and kapha.

तदत्यम्ल दन्तरोमहर्पकण्ठादिदाहकृत

## Atvamla

When dadhi becomes exceedingly sour it is called atyamla. It causes a tingling sensation (harsa) in the teeth and horripilation (roma harsa). It produces burning sensation in the throat etc.

> ग्रह्मम्लं दीपनं रक्तपित्तदुष्टिकर परम् ॥ ६॥' (भावप्रकाश: दिधवर्ग १४.७-६)

It stimulates digestion and exceedingly vitiates blood and pitta.

> <sup>8</sup> '**गव्यं दध्यु**त्तमं बल्यं पाके स्वादुरुचिप्रदम् । 'पवित्रं दीपनं स्निग्धं पुष्टिकृत्पवनापहम् ॥ १०॥

## Gavya dadhi (Curd of cow's milk)

Dadhi prepared from Cow's milk is an excellent promoter of strength. In vipāka, it is sweet. It is an appetiser, sacred, a digestive stimulant, unctuous and nourishing. It alleviates vāyu.

उक्तं दघ्नामशेषाणा मध्ये गव्य गुणाधिकम् ।

Among the several varieties of dadhi, the one prepared from cow's milk is known to be the best.

माहिष दिध सुस्निग्घ क्लेब्मलं वातिपत्तनुत्।
स्वादुपाकमभिष्यित्द वृष्यं गुर्वस्रदूषणम् ॥ ११॥
[भावप्रकाशः दिघवर्ग १०-११]

## Māhiṣa dadhi (Curd of buffalo's milk)

Dadhi prepared from buffalo milk is exceedingly unctuous. It aggravates kapha and alleviates vāyu as well as pitta. It is sweet in vipāka, abhiṣyandi (which obstructs the channels of circulation), an aphrodisiac and heavy. It vitiates blood.

'म्राजं दथ्युत्तमं ग्राहि लघु दोषत्रयापहम् । शस्यते श्वासकासार्शःक्षयकारुयेषु दीपनम् ॥ १२॥

Aja dadhi (Curd of goat's milk)

Dadhi prepared from goat's milk is very useful. It is constipative and light. It alleviates all the three doṣas. It is useful in śvāsa (asthma), kāsa (bronchitis), arśas (piles), kṣaya (consumption) and kārśya (emaciation). It stimulates the digestive power.

10 पक्वदुग्धभवं रुच्यं दिध स्निग्धं गुणोत्तमम् । पित्तनिलापहं सर्वधात्वश्निबलवर्धनम् ॥ १३॥

#### Dadhi of boiled milk

Dadhi prepared from boiled milk is an appetiser, unctuous and exceedingly useful. It alleviates pitta and vāyu, and promotes all the tissue elements (dhātus), digestive power and strength.

श्रसारं दिध संग्राहि कषायं वातलं लघु। 11 विष्टम्भि दीपन 'रुच्य ग्रहणीरोगनाशनम् ॥ १४॥

#### Asāra dadhi

Dadhi which is free from fat is constipative, astringent, aggravator of  $v\bar{a}yu$  and light. It produces flatulence (vistambhi). It is a digestive stimulant and appetiser. It cures  $grahan\bar{\imath}$  (sprue syndrome).

गालितं दिधि सुस्निग्ध वातघ्नं क्लेष्मल गुरु। बलपुष्टिकरं' रुच्यं मधुरं नातिपित्तलम् ।। १५ ।।

#### Gālita dadhi

If the watery portion of dadhi is removed by filteration, then it becomes exceedingly unctuous. It alleviates  $v\bar{a}yu$  and aggravates kapha. It is heavy. It promotes strength and nourishment. It is an appetiser and sweet. It does not aggravate pitta in excess.

सर्गकरं दिध श्रेष्ठं तृष्णापित्तास्रदाहनुत्। सगुडं वातनुद्वष्यं बृंहणं तर्पणं गुरु ॥ १६॥

## Combination

Combined with sugar, dadhi in very useful in curing tṛṣṇā (morbid thirst), vitiated pitta as well as blood and dāha (burning syndrome).

Along with guda, dadhi alleviates vāyu. It is aphrodisiac, nourishing, refreshing and heavy.

न नक्तं दिध भुञ्जीत न चाप्यघृतशर्करम्।

न मुद्गमूपं नाक्षीद्र नोष्ण नामलकैविना ॥ १७ ॥'
[भावप्रकाजः दिधवर्ग १५ : १२-१७]

#### Contra-indications

Dadhi should not be taken at night, nor should it be taken without ghee, sugar, mudga sūpa or honey. It should not be taken when it is hot nor without āmalaki.

'शस्यते दिध नो रात्रौ शस्त चाम्बुघृतान्वितम् ।

12
रक्तिपित्तकफोत्थेषु विकारेषु हितं न तत्' ॥ १८ ॥

[भावप्रकाश दिधवर्ग १५ : प्रक्षिप्तपाठ]

At night, dadhi should not be taken. It is useful when mixed with water and ghee. It is not useful in diseases caused by blood, pitta and kapha.

13 'हेमन्ते शिशिरे चैव वर्षासु दिध शस्यते । शरद्ग्रीष्मवसन्तेषु प्रायशस्तद्विगहितम् ॥ १६॥

In hemanta (first part of winter), sisira (later part of winter) and in the rainy season intake of dadhi is beneficial. Generally, it is not useful in autumn, summer and spring season.

ज्वरासृक्षित्तवीसर्पेकुष्ठपाण्ड्वामयभ्रमान्
प्राप्नुयात्कामलां चोग्रां विधि हित्वा दिधप्रियः ॥२०॥
[भावप्रकाशः दिधवर्ग १५:१८-१६]

#### Adverse effect

A person who takes dadhi without following the prescribed procedure succumbs to acute form of jvara (fever), asṛk pitta (a disease characterised by bleeding from different parts of the body), visarpa (erysipelas), kuṣṭha (obstinate skin diseases including leprosy), pāṇḍvāmaya (anemia), bhrama (giddiness) and kāmalā (jaundice).

विपाके कटुतक्षारमम्लं **भेद्यौष्ट्रिकं दधि** । 14 'वातमर्शासि कुप्ठानि कृमीन्हन्त्युदराणि च ॥ २१ ॥

Austrika dadhi (Curd of camel's milk)

Dadhi prepared from camel's milk is pungent in vipāka, alkaline and sour. It cures aggravated vāyu, arśas (piles), kustha (obstinate skin diseases including leprosy), kṛmi (parasitic infection) and udara (obstinate abdominal diseases including ascitis).

कोपन कफवानानां दुर्नाम्नां चाविकं दिध ।'

Avika dadhi (Curd of sheep milk)

Dadhi prepared from the milk of the sheep aggravates kapha, vāta and durnāman (piles).

दीपनीयमचक्षुप्य वातलं दिध वाडवम् ॥ २२ ॥ 15 रूक्षमुष्ण कषाय च कफमू[त्रा]पह च तत् ।

Vādava dadhi (Curd of mare's milk)

Dadhi prepared from mare's milk is a digestive stimulant and harmful for the eye. It aggravates  $v\bar{a}yu$ . It is un-unctuous, hot and astringent. It reduces kapha and urine.

स्निग्ध विपाके मधुर बल्यं सतर्पण गुरु ।। २३ ।। चक्षुष्यमग्य दोषघ्नं दिध नार्या गुणोत्तरम् ।

Nārī dadhi (Curd of woman's milk)

Dadhi prepared from woman's milk is unctuous, sweet in vipāka, promoter of strength, refreshing and heavy. It is an excellent promoter of eye sight. It alleviates doṣas. It is extremely useful.

लघुपाके वलासघ्नं वीर्योष्णं पक्तिनाशनम् ।। २४ ॥ . कषायानुरसं नाग्या दिध वचीविवर्धनम् ।

## Nāga dadhi (Curd of elephant's milk)

Dadhi prepared from elephant's milk is light in vipāka. It alleviates kapha. It is hot in potency and it reduces the power of digestion. It is astringent in anurasa (subsidiary taste). It increases the quantity of stool.

दधीन्युक्तानि यान्येवं गव्यादीनि पृथक् पृथक् ॥ 25 ॥ विज्ञेयमेव मर्वेषु गव्यमेव गृणोत्तरम् ।

#### General

Properties of different types of dadhi are described above. Among them, the dadhi prepared from cow's milk is the best.

कपित्थमज्जकल्केन यद्वामलरसेन तु ॥ २६॥ 16
'पिष्टैब्चित्रकम्लैर्वा पत्रवाम्त्रस्य रसेन तु ।'
लिप्तभाण्डेऽथ कठिन मध्र दिध जायते ॥ २७॥

If the inside wall of the *bhāṇḍa* (jar in which curd is prepared) is smeared with the paste of the pulp of *kapittha*, juice of *āmalaka*, paste of the root of *citraka* or the juice of ripe mango, then the curd becomes hard (increased density) and sweet.

लवण रूप्य विड वा दध्नो भवति जीवनम्।

Salt, silver and vida—these are very essential (lit. life) for dadhi.

दध्नस्तूपरि यो भागो घनः स्नेहसमन्वितः ॥ २८॥ लोके सर इति ल्यानो दघ्नो मंडस्नु मस्त्विति ।

#### Sara & Mastu

The upper layer of the milk which is dense and unctuous is called *sara* (cream) and the watery portion of the curd is called *mastu*.

सरः स्वादुर्गु रुवृ व्यो वातविह्नप्रणाशनः ॥ २६ ॥

वस्तेविधमनश्चाम्लः पित्तश्लेष्मविवर्धनः ।

Sara is sweet, heavy and aphrodisiac. It reduces vāyu and the power of digestion. It stimulates (vidhamana) the bladder. When it becomes sour, it aggravates pitta and kapha.

मस्तु क्लमहरं बल्यं लघु भक्ताभिलाषदम् ।। ३०।। 17 स्रोतोविशोधनं क्लेदि कफतृष्णानिलापहम् । अवृष्यं प्रीणनं शीघ्रं भिनत्ति मलसंग्रहम् ।। ३१।।

Mastu cures mental fatigue (klama). It is a strength promoter and light. It promotes appetite for food. It cleanses the channels of circulation and produces kleda (sticky material). It alleviates kapha,  $trsn\bar{a}$  (morbid thirst) and  $v\bar{a}yu$ . It is not approdisiac. It is refreshing and works as an instant laxative.

## ॥ इति दिधवर्गः ॥

Thus ends the group dealing with various types of dadhi.

## NOTES AND REFERENCES

- 1. ग्रतीसारे शुचौ इति ग्रादर्शपुस्तिकासु पाठः।
- 2. स्वादु विज्ञैरुदाहृतम् इति स्राकरे पाठः।
- 3. वातिपत्तकफाधिकं इति षष्ठपुस्तके पाठ।
- 4. सामान्यस्य इति षष्ठपुस्तके पाठः ।
- 5. वाक्ताम्लं इति द्वितीयपुस्तके पाठः ।
- 6. दध्यम्लं इति षष्ठपुस्तके पाठः।
- 7. रक्तवातिपत्तकरं इति श्राकरे पाठः।

- 8. गव्यं दिध विशेषेण स्वाद्वम्लं च रुचिप्रदम् इति म्राकरे पाठः।
- 9. ''दध्यामशोषाणां'' इति म्रादर्शपुस्तिकास् पाठः ।
- 10 श्रृतक्षीरमय द्रव्यं इति आदर्शपृस्तिकासु पाठः ।
- 11. म्चयं " बलप्रिटकरं पाठोऽयं पष्ठप्स्तके नोपलम्यने ।
- 12. तु नैव तत् इति आकरे पाठः।
- 13. चापि इति स्राकरे पाठः।
- 14. वातमर्शांसि "द्धि पाठोऽयं पष्ठपुस्तके नोपलभ्यते ।
- 15. कफमूत्रपह इति द्वितीयपुस्तके पाठः ।
- 16. पिष्टै ... ... तु पाठोऽयं द्वितीयपुस्तके नोपलभ्यते ।
- 17. लघुतृष्णानिलापहम् इति षष्ठपुस्तके पाठः।

### CHAPTER 8

ा तक लघुकषायोष्णं दीपनं कफवातजित् ।

2 शोथोदराशों — ग्रहणीदोषम्त्रग्रहारुचीन् ॥१॥

गुल्मप्लीहघृतव्यापत्हरं पांड्वामयान् जयेत्।

Takra (Butter milk)

Takra is light, astringent, hot and digestive stimulant. It alleviates kapha and vāta. It cures śotha (oedema), udara (obstinate abdominal diseases including ascitis), arśas (piles), grahaņī (sprue syndrome), mūtra graha (anuria), aruci (anorexia), gulma (phantom tumour), plīhan (splenic disorder), ghṛta vyāpat (complications because of wrong administration of ghee) and pāṇḍvāmaya (anemia).

अ समुद्धृतघृतं तक्रमद्धोद्धृतघृतं च यत् ॥२॥ ४ अनुद्धृतघृतं चान्यदित्येतत्त्रिविधं स्मृतम् ।

### Variety

Takra is of three types depending upon the content of fat

which is either completely removed, half removed or not removed at all.

The first variety from which fat is completely removed is light and wholesome. The second variety from which half of the fat is removed is exceedingly heavy and aphrodisiac. The third variety from which fat is not removed is exceedingly aphrodisiac.

यान्युक्तानि दधीन्यष्टौ तद्गुण तक्रमादिशेत् ॥ ४॥

The properties of the different types of dadhi prepared from the milk of different animals are also shared by the takra prepared out of them.

By the great sages like Suśruta, takra is described to be of four types viz., ghola, mathita, udaśvit and takra. The buttermilk which contains cream and to which water is not added is called ghola. When the cream is removed but no water is added then it is called mathita. When one fourth quantity of water is added then it is called takra. In udaśvit half the quantity of water is added.

तकं त्रिदोपशमनम् दिश्वत्कफदं भवेत् ।

उदिवत्कफदं बल्यं श्रमध्नं परमं मतम्।। ७।।

Takra alleviates all the three dosas. Udaśvit aggravates kapha, promotes strength and alleviates fatigue par excellence,

### भ्रय मन्दादितकगुणा:

क्ष मंदजातं भवेत्तकं रूक्षाभिष्यन्दिदुर्जरम् ।

Property of different types

Butter milk prepared of the manda variety of dadhi is ununctuous, abhisyandi (which obstructs the channels of circulation), and difficult of digestion.

> 9 तक तु मधुरं स्निग्धं श्लेष्मलं वातपित्तनुत् ।। ८ ॥

Buttermilk prepared of the sweet variety of dadhi is unctuous. It aggravates kapha and alleviates vāyu and pitta.

ग्रम्लं वातघ्नंमत्यम्लं रक्तपित्तप्रकोपनम् ।

Buttermilk prepared of the sour variety of dadhi alleviates  $v\bar{a}yu$ . Buttermilk prepared of dadhi which is extremely sour, aggravates rakta (blood) and pitta.

तत्तु सान्द्रं सान्द्रतरं गुरुविद्याद्यथोत्तरम् ॥ ६ ॥

The heaviness of takra progressively increases depending upon the increase in density.

वातेऽम्लं सैन्धवोपेतं पित्ते स्वाद्सशकेरम्।
पिवेत्तकः कफे रूक्षं क्षारच्योषसमन्वितम्।
'मूत्रकृच्छ्रे तु सगुडं पांडुरोगे सचित्रकम् ॥ १०॥'
[भावप्रकाश तक्रवर्ग १६: १३]

#### Combination

When there is aggravation of vāyu, sour variety of takra should be taken by adding rock salt. In pitta, sweet variety of

takra should be taken mixed with sugar. In kapha the ununctuous variety of takra should be used by adding alkalies, sunthi, pippalī and marica. In mūtrakṛcchra (dysuria), guḍa should be added and in pāṇḍu citraka should be added to the takra.

> 10 'हिंगुजीरयुतं घोलं सैन्घवेनावचूणितम् । 11 भवेत्तदितवातघ्नमर्शोतीसारहृत्परम् ।। ११ ॥' [भावप्रकाशः तक्रवर्गं १६ : १२]

सरुच्यं पुष्टिदं बल्यं वस्तिशूलविनाशनम् ।

If hingu and  $j\bar{\imath}r\bar{a}$  are added and the powder of rock salt is sprinkled over takra, then it becomes an excellent alleviator of  $v\bar{a}yu$ . It also becomes an excellent curative for arisas (piles) and atis $\bar{a}ra$  (diarrhoea). It is an appetiser, nourishing and strength promoting. It also cures colic pain in the region of vasti (urinary bladder).

''तक्रमामं कफं कोष्ठे हन्ति कण्ठे करोति च ।। १२ ।। 12 पीनसञ्जासकासादौ पक्त्रमेव विशिष्यते ।

### Process of preparation

Unboiled  $(\bar{a}ma)$  takra alleviates  $\lambda apha$  in the koṣṭha (colon) but produces kapha in the throat. The boiled (pakva) takra is specifically useful in  $p\bar{\imath}nasa$  (chronic cold),  $\dot{s}v\bar{a}sa$  (asthma) and  $k\bar{a}sa$  (bronchitis).

शीतकालेऽग्निमान्द्ये च कफवातामयेषु च ।। १३ ।।

ग्रह्मी स्रोतसां रोघे तक्तं न्यादमृतोपमम् ।

13
तत्तु हन्ति कफच्छर्दिप्रसेकविषमज्वरान् ।। १४ ।।

पाण्डुमेदो — ग्रहण्यर्शो — मूत्रग्रहभगन्दरान् ।

मेहगुल्ममतीसारं शूलप्लीहोदराहचीः ।। १४ ॥

14 बिवत्रकोठघृतव्यापत्कुष्ठशोफतृपाकृमीन्

### Properties in general

Takra works like ambrosia in winter season, when there is suppression of the power of digestion, in the diseases caused by kapha and vāyu, in aruci (anorexia) and srotorodha (obstruction to the channels of circulation). It cures diseases caused by kapha, chardi (vomiting), praseka (salivation), viṣama jvara (irregular fever), pānḍu (anemia), medas (adiposity), grahaṇī (sprue syndrome), arśas (piles), mūtragraha (suppression of urination), bhagandara (fistula-in-ano), meha (obstinate urinary disorders including diabetes), gulma (phantom tumour), atīsāra (diarrhoea), śūla (colic pain), plīhan (splenic disorder), udara (obstinate abdominal disorders including ascitis), arucī (anorexia), śvitra (leucoderma), koṭha (urticaria), ghṛta vyāpat (complications arising out of improper use of ghee), kuṣṭha (obstinate skin diseases including leprosy), śopha (oedema), trsā (morbid thirst) and kṛmī (parasitic infection),

नैव तकं क्षते दद्यान्नोष्णकाले न दुर्बले।
15 16
न मूर्च्छाभ्रमदाहेपु न रोगे रक्तपैत्तिके ॥ १६॥"

[भावप्रकाशः तऋवर्ग १६:१४-१८]

### Contra-indication

Takra should not be used in kṣata (phthisis), during hot season, when a person is weak and in mūrchā (fainting), bhrama (giddiness), dāha (burning syndrome) and raktapitta (a disease characterised by bleeding from different parts of the body).

न तक्रसेवी व्यथते कदाचिन्न तक्रदग्धाः प्रभवन्ति रोगाः।
यथा सुराणाममृतं सुखाय तथा नराणा भृवि तक्रमाहु.।
भावप्रकाशः तक्रवर्ग १६: ७)

#### Excellence

A person who habitually takes takra never suffers and being impregnated with takra, diseases do not attack him. As

ambrosia gives happiness to the gods, so also takra produces happiness in human beings on this earth.

ग्रम्लेन वातं मधुरेण पित्तं

कफं कषायेण निहन्ति तक्रम्।

तस्मान्न तक ज्वरितेषु देयं न तकदग्धाः प्रभवन्ति रोगाः ॥ १८ ॥

It cures vāyu because of its sour taste, pitta because of its sweet taste and kapha because of its astringent taste. Therefore (?) takra should not be given to a patient suffering from fever and being impregnated with takra, diseases do not attack him.

### ।। इति तक्रवर्गः ॥

Thus ends the group dealing with various types of takra.

### NOTES AND REFERENCES

- 1. लघु कपायाम्लं इति श्राकरे पाठः ।
- 2 शोफोदरार्थोग्रहणीदोषम्त्रग्रहारुचीः इति ग्राकरे पाठः।
- 3. तन् इति म्राकरे पाठः।
- -4. मतम् इति श्राकरे पाठः।
- 5. गुरु वृष्यमतः इति स्राकरे पाठः ।
- 6. सजल इति पष्ठपुस्तके पाठ.।
- 7. घोलमुद्दिवच्छ्लेप्मल भवेत इति आकरे पाठः।
- 8. रूक्षाभिष्यन्दि तद्गुण इति पष्ठपुस्तके पाठः।
- 9. सर्व इति द्वितीयपुस्तके पाठ:
- 10. सैन्धवे नावधूलितम् इति द्वितीयपुस्तके पाठः।

- 11. तद्भवे इति द्वितीयपुस्तके पाठः।
- 12. सिद्धमेव तदिष्यते इति प्रथमपुस्तके पाठः।
- 13. तकं इति षष्ठपुस्तके पाठः।
- 14. •शोथ • • इति षष्ठपुस्तके पाठः ।
- 15. भ्रमतृष्णासु इति षष्ठपुस्तके पाठः ।
- 16. रक्तिपत्तजे इति भ्राकरे पाठः ।

### CHAPTER 9

नवनीतं हितं गव्य वृष्यं वर्णवलाग्निकृत् । 1 संग्राहि वातिपत्तासृक्क्षयार्शो[ऽ]िदतकासजित् ॥ १॥ Navanīta (Butter)

Butter (navanīta) prepared from cow's milk is very useful. It is aphrodisiac, promoter of complexion, strength and the power of digestion and constipative. It cures aggravated  $v\bar{a}yu$ , pitta and blood,  $k\bar{s}aya$  (consumption),  $ar\dot{s}as$  (piles), ardita (facial paralysis) and  $k\bar{a}sa$  (bronchitis).

तद्धित वालके वृद्धे विशेषादमृतं शिशोः ।

It is useful both for young and old and it is like ambrosia for infants.

नवनीतं महिप्यास्तु वातश्लेष्मकरं गुरु ॥ २ ॥ दाहिपत्तश्रमहरं मेदःशुक्रविवर्द्धनम् ।

Māhişa Navanīta

The butter collected from buffalo milk aggravates vāyu

and kapha. It is heavy. It cures dāha (burning syndrome), vitiated pitta and śrama (physical fatigue). It promotes medas (adiposity) and semen.

3 क्षीरोत्थ तदतिस्निग्धं चक्षुष्यं रक्तिपत्तिजित् ।। ३ ।। 4 वृष्यं वलकरं ग्राहि मधुरं शीतलं परम् ।

#### Milk butter

The butter collected from milk is extremely unctuous. It promotes eye sight and cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is aphrodisiac, promoter of strength, constipative, sweet and extremely cooling.

नवनीतं तु सद्यस्कं स्वादु ग्राहि हिमं लघु ॥ ४ ॥ मेध्यं किञ्चित्कषायाम्लमीषत्तक्रांशसंक्रमात् ।

### Freshly collected butter

Freshly collected butter is sweet, constipative, cooling, light and promoter of intellect. It is slightly astringent and sour because of its association with a small quantity of butter milk.

ह सक्षारकटुकाम्लत्वाच्छर्घर्शकुष्ठकोपनम् । १ श्लेष्मलं गुरु मेदस्यं नवनीतं चिरन्तनम् ॥ १ ॥ [भावप्रकाशः नवनीतवर्ग १७ : १-६]

### Preserved butter

Butter preserved for a long time is alkaline, pungent and sour because of which it aggravates *chardi* (vomiting), *arśas* (piles) and *kuṣṭha* (obstinate skin diseases including leprosy). It aggravates *kapha*. It is heavy and it produces more of fat.

### ।। इति नवनीतवर्गः ।।

Thus ends the group dealing with various types of butter.

स्मृति — वृद्धचिनशुक्रौजः — कफमेदोविवर्धनम् ।

6
वातिपत्तकफोन्मादशोषालक्ष्मीविषापहम् ॥ ६ ॥

[माधवद्रव्यगुणः घतवर्ग ६ : १]

7 ''चक्षुष्यं दीपनं बल्यं **गब्यं सर्पि**र्गुणोत्तरम्।

### Ghee Cow's milk ghee

Ghee prepared from cow's milk increases memory, intellect, power of digestion, semen, ojas, kapha and medas (fat). It cures unmāda (insanity) caused by vāyu, pitta and kapha, śoṣa (consumption), alakṣmī (inauspiciousness) and viṣa (poisoning). It promotes eyesight, digestive power and strength. Cow's ghee is the best among the ghees.

म्राजं सर्पिर्दीपनीयं चक्षुप्य बलवर्द्धनम् ॥ ७ ॥ कासे श्वासे क्षये चापि पथ्य पाके च तल्लघु । Goat's milk ghee

Ghee prepared from goat's milk stimulates the digestive power and promotes eyesight and strength. It is useful in  $k\bar{a}sa$  (bronchitis),  $\dot{s}v\bar{a}sa$  (asthma) and  $k\bar{s}ava$  (consumption). It is light for digestion.

मध्<sup>र</sup> रक्तिपत्तघ्न गुरु पाके कफावहम् ॥ ८॥ ४ वानपित्तप्रशमन सुर्शात **माहिष घृतम्** ।

### Buffalo milk ghee

The ghee prepared from buffalo-milk is sweet. It cures raktapitta (a disease characterised by bleeding from different parts of the body). It is heavy for digestion. It aggravates kapha and alleviates vāyu and pitta. It is cooling.

'ग्रौष्ट्रं कटु घृत पाके जोथकृमि।वेषापहम् ॥ ६॥ दीपन कफवातघ्न कुप्टगुल्मोदरापहम् ।

### Camel's milk ghee

Ghee prepared from camel's milk is pungent in vipāka. It cures śotha (oedema), kṛmi (parasitic infection) and viṣa (poisoning). It stimulates digestion and alleviates kapha and vāyu. It cures kuṣṭha (obstinate skin diseases including leprosy), gulma (phantom tumour) and viṣa (poisoning).

पाके लघ्वाविकं सर्पिर्न च पित्तप्रकोपणम् ॥ १० ॥'
[भावप्रकाशः घृतवर्ग ६-१०]
कफेंऽनिले योनिदोषे शोथे कंपे च तद्धितम् ।''
[माधवद्रव्यगुणः घृतवर्ग ६ : ३-७]

### Sheep's milk ghee

Ghee prepared from sheep's milk is light for digestion and it does not aggravate pitta. It is useful in aggravated kapha and vāyu, yoni doṣa (diseases of the female genital tract), śotha (oedema) and kampa (trembling).

10 'पाके लघूष्णवीयं च कषायं कफनाशनम् ॥ ११॥ 11 दीपनं वद्धविण्मूत्रं विद्यादेकशकं **घृतम् ।** 

### Mare's milk ghee

Ghee prepared from mare's milk is light for digestion, hot in potency, astringent, alleviator of *kapha* and stimulant of the digestive power. It obstructs proper elimination of stool and urine.

कषायं बद्धविण्मूत्रं तिक्तमग्निकरं लघु ॥ १२॥ हन्ति कारेणवं सर्पिः कफकुष्ठविषकृमीन्।

### Elephant's milk ghee

The ghee prepared from elephant's milk is astringent. It obstructs proper elimination of stool and urine. It is bitter, stimulant of digestion and light. It cures aggravated kapha,

kuṣṭha (obstinate skin diseases including leprosy), viṣa (poisoning) and kṛmi (parasitic infection).

12 चक्षुष्यमग्यां स्त्रीणां च सर्पिः स्यादमृतोपमम् ॥१३॥ 13 वृद्धिं करोति देहाग्न्योर्लघुपाके विषापहम् ।

#### Ghee of woman's milk

The ghee prepared from woman's milk is an excellent promoter of eyesight. It is like ambrosia. It promotes the physique and the power of digestion. It is light for digestion and it cures viṣa (poisoning).

तर्पणं नेत्ररोगघ्नं दाहनुत्पयसो घृतम् ॥ १४॥

### Ghee prepared of milk

The ghee prepared of milk is refreshing. It cures eye diseases and dāha (burning syndrome).

सिंपः पुराणं तिमिरं पीनसश्वासकासजित् ।

मूच्छांकुष्ठविषोन्माददाहापस्मारनाशनम् ॥ १४ ॥

15
योनिकणिक्षिशिरसां शूलं शोधगरज्वरान् ।

हन्ति दोषत्रयं भेदि त्रणशोधनरोपणम् ॥ १६ ॥

[माधवद्रव्यगणः घतवर्ग ६ : ५-१३]

### Preserved ghee

The ghee which is kept preserved for a long time (purāṇa) cures timira (cataract), pīnasa (chronic cold), śvāsa (asthma), kāsa (bronchitis), mūrchā (fainting), kuṣṭha (obstinate skin diseases including leprosy), viṣa (poisoning), unmāda (insanity), dāha (burning syndrome), apasmāra (epilepsy), colic pain in yoni (female genital tract), ear, eye and head, śotha (oedema), gara (a type of poisoning) and fever. It alleviates all the three doṣas. It is purgative. It cleanses and heals ulcers.

घृतमण्डो घृतस्योध्वभागः स्यात्सुश्रुतस्य यः।

'तद्रच्च घतमण्डोऽपि रूक्षस्तीक्ष्णस्तनुस्तु सः ॥ १७ ॥'

[माधवद्रव्यगुणः घृतवर्ग १८: १३]

### Ghṛta maṇḍa

The upper portion of the ghee is called ghrta manda according to Suśruta. It is un-unctuous, sharp and thin.

16 यो गो दोहाद्भव सिंपभेंवेद्धैयङ्गवीनकम् । हैयङ्गवीन चक्षुष्यं दीपन रोचन परम् ॥ १८॥' [भावप्रकाशः घृतनर्गं १८. १५]

### Hayamgavīna

The ghee that is taken out from the cream produced at the time of milking the cow is called hayamgavīna. It promotes eyesight and the power of digestion. It is digestive stimulant and appetiser par excellence.

बल्यं वृष्यं निगदितं विशेषाज्ज्वरनाशनम् । सिंपः पुराणं विज्ञोयं दशवर्षस्थितं तु यत् ॥ १६ ॥

#### Preservation

The ghee which is preserved for ten years is strength promoting and aphrodisiac. It specifically cures fever.

दशसम्बत्सराद्दुध्वंमाज्यमुक्तं रसायनम ।

The ghee which is preserved for more than ten years is called  $\bar{a}jya$ . It is rejuvenating.

शतवर्षस्थितं यत्तु कुंभसिंपस्तदुच्यते ॥ २० ॥ रक्षोघ्नं कुम्भसिंपः स्यात्तत्परस्तु महाघृतम् । पेयं महाघृतं भूतैः सर्वतोऽपि गुणाधिकम् ॥ २१ ॥

The ghee which is preserved for one hundred years is

called kumbha sarpi. It cures the afflictions by rakṣas (evil spirits). The ghee which is preserved for more than one hundred years is called mahāghṛta. It is the best among all the ghees.

यथा यथा जरा यानि गुणवत्स्यान्तथा तथा ।

Depending upon the duration of preservation, the ghee becomes progressively more and more useful.

राजयक्ष्मणि वाले च वृद्धे क्लेप्माश्रये गरे ।। २२ ।। रोगे सामे विस्च्या च विवन्धे च मदात्यये । ज्वरे च शमिते बह्नी न सर्पिबंहुमन्यते ।। २३ ॥

#### Contra-indication

Ghee is not very useful in  $r\bar{a}ja\ yak\bar{s}m\bar{a}$  (tuberculosis), young age, old age, in diseases caused by kapha, in the  $\bar{a}ma$  stage of diseases,  $vis\bar{u}cik\bar{u}$  (cholera), constipation,  $mad\bar{a}tyaya$  (alcoholism), fever and in the suppression of the power of digestion.

### ॥ इति घनवर्गः ॥

Thus ends the group dealing with various type of ghee;

#### NOTES AND REFERENCES

- क्षयार्शोर्ऽदिकासहृत् इति ग्राकरे पाठः । क्षयार्शोर्दितकासजित् इति आदर्शपुस्तकेषु पाठः ।
- 2. वातक्लेष्महर इति पष्ठपुम्तके पाठः।
- 3. दुग्घोत्थं नवनीतं तू चक्षुष्यं रक्तपित्तनुत् इति स्राकरे पाठः ।
- 4 वृष्यं बल्यमतिस्निग्धं मधुरं ग्राहि शीतलम् इति श्राकरे पाठः।
- 5. सक्षारकटुलाम्लत्वाच्छर्चर्शःकुष्ठकारकम् इति ग्राकरे पाठः ।

- 6. लक्ष्मीज्वरापहम् इति ग्राकरे पाठः।
- 7. बृंहणं इति आकरे पाठः।
- 8. सुश्रुतं इति म्रादर्शपुस्तिकासु पाठः।
- 9. शोफे इति आकरे पाठः।
- 10. तु इति आकरे पाठः।
- 11. लघु इति षष्ठपुस्तके पाठः।
- 12. चक्षुष्यमग्यां इति आदर्शपुस्तिकासु पाठः ।
- 13. देहास्य लघु पाकि इति षष्ठपुस्तके पाठः।
- 14. तिमिरप्रतिश्याश्वासकासनुत् इति ग्राकरे पाठः ।
- 15. शुलघ्नं शोकजित् परम् इति स्राकरे पाठः।
- 16. हयो इति षष्ठपुस्तके पाठः।

### CHAPTER 10

'कशयानुरसं स्वादु सूक्ष्ममुष्णं व्यवायि च । पित्तलं बद्धविण्मूत्रं न च श्वेष्मविवर्धनम् ॥ १ ॥' [माधवद्रव्यगुणः नैलवर्ग १०:१]

'**तैलं** संयोगसंस्कारात्सर्वरोगहरं सरम् ।

#### Oil

Oil is astringent in anurasa (subsidiary taste), sweet, subtle, hot and vyavāyi (which pervades all over the body before digestion). It aggravates pitta. It obstructs the proper elimination of stool and urine. It does not aggravate kapha. By combination and processing it cures all diseases. It is laxative.

4 तथा वस्तिषु पानेषु नस्ये कर्णाक्षिपूरणे ॥ ४॥ ग्रन्नपानविधौ चापि प्रयोज्यं वातशान्तये ।

Tila taila (Gingili oil)

Til oil is useful in excised, incised, dislocated, macerated, lacerated, ulcerated, pressed, fractured, broken, perforated, burnt, separated and scraped wounds and injury and eating away by wild animals. It is used in the form of seka (sprinkling), abhyanga (massage), avagāha (bath), vasti (enema), pāna (drinking through mouth), nasya (inhalation), karṇapūraṇa (ear drop) and akṣipūraṇa (pouring over eyes). It is used in food and drinks for the alleviation of vāyu.

वातव्नं मधुरं तेषु क्षौम तैलं बलावहम् ।। ५ ।। कटुपाकमचक्षुष्यं स्निग्धोष्णं कटुपित्तलम् ।

Kṣauma taila (Linseed oil)

The oil of ksauma alleviates vayu. It is sweet and a promoter of strength. It is pungent in vipaka. It is not useful for eyes. It is unctuous, hot and pungent. It aggravates pitta.

कृमिघ्नं सार्षपं तैल कडूकुण्ठापहं लघु ॥ ६॥ कफमेदोऽनिलहरं लेखन कटु दीपनम् ।

### Sārsapa taila (Mustard oil)

The oil of sarṣapa cures kṛmi (parasitic infection), kaṇḍū (itching) and kuṣṭha (obstinate skin diseases including leprosy). It is light and reduces kapha, medas (fat) and vāyu. It is lekhana (depleting), pungent and a digestive stimulant.

हृद्धस्तिपार्श्वजान् रुकटिपृष्ठास्थिश्लिनाम् ॥ ७॥ ६ ७ ग्रानाहाष्ठीलवातासृक्ष्लीहोदावर्त्तं शूलिनाम् ॥ ८ हितं वातामयश्वासग्रन्थिहिष्मविकारिणाम् ॥ ५॥

# तैलमेरण्डजं बल्यं गुरूष्णं मधुरं सरम्। Eranda taila (Castor oil)

The oil of eraṇḍa is useful in the pain of the heart, bladder, sides of the chest, knee joint, thigh, waist, back and bone. It is also useful in ānāha (flatulence), aṣṭhīlā (hard tumour in the abdomen), vātāsṛk (gout), plīhan (splenic disorder) udāvarta (tymphanitis), śūla (colic pain), diseases caused by vāyu, śvāsa (asthma), granthi (adenitis) and hidhmā (hic cup). It is strength promoting, heavy, hot, sweet and laxative.

१ तीक्ष्णोष्णं पित्तलं विस्नं रक्तरण्डोद्भव भृशम् ॥ ६ ॥

The oil of the red variety of eranda is exceedingly sharp and hot. It strongly aggravates pitta and is extremely putrid.

कुसुम्भतैलमुष्णं च विपाके कटुकं गुरु।
10 11
विदाही तु विशेषेण सर्वदोषप्रकोपणम् ॥ १०॥

### Kusumbha taila

The oil of kusumbha is hot, pungent in vipāka, heavy and vidāhī (producing burning sensation). It specifically aggravates all the doṣas.

## सर कोशाम्यजं तैलं कृमिकुण्ठत्रणापहम् ।

### Kośāmra taila

The oil of kośāmra is laxative. It cures kṛmi (parasitic infection), kuṣṭha (obstinate skin diseases including leprosy) and vraṇa (ulcer).

दन्तीम् लकरक्षोध्नकरञ्जारिष्टशिग्रुजम् ॥ ११ ॥
12
सुवर्चलेङ्गुदीपील् शंखिनीनीपसंभवम् ।
सरलागुरुदेवाह्वशिशपासारजन्म च ॥ १२ ॥
13
तुवरारुष्करोत्थं च नीक्ष्णं कट्वम्लपित्तजित् ।

ग्रर्शः कुष्ठकृमिश्लेष्मशुक्रमेदोऽनिलापहम् ॥ १३॥

### Taila of Danti etc.,

The oils of dantī, mūlaka, raksoghna, karañja, ariṣṭa, sigru, suvarcalā, iṅgudī, pīlu, śaṁkhinī, nīpa, heart wood of sarala, aguru, devāhva and śiṁśapā, tuvara and āruṣkara are sharp, pungent and sour. They alleviate pitta and cure arśas (piles), kuṣṭha (obstinate skin diseases including leprosy) and kṛmi (parasitic infection). They reduce kapha, semen, fat and vāyu.

14 करंजारिष्टजे तिक्ते नात्युष्णे तत्र निर्दिशेत् । 15 कषायतिक्तकटुकं सरल व्रणशोधनम् ॥ १४॥

Of these, the oils of karañja and arista are bitter and they are not very hot. The oil of sarala is astringent, bitter and pungent and it cleanses ulcer.

भृशोष्णतीक्ष्णकटुके तुवरारुष्करोद्भवे ।
विशेषात्कृमिकुष्ठध्ने तथोध्वधिविरेन्नने' ॥ १५ ॥
[माधवद्रव्यगुण: तैलवर्ग १०: १-१६]

Oils of tuvara and  $\bar{a}ru\bar{s}kara$  are exceedingly hot, sharp and pungent. They specifically cure  $k_lmi$  (parasitic infection) and  $ku\bar{s}tha$  (obstinate skin diseases including leprosy). They are emetic and purgative.

# सर ज्योतिष्मतीतैलं वातश्लेष्मशिरोतिनृत्।

### Jyotismatī taila

The oil of jyotismatī is laxative. It alleviates vāta, kapha and headache.

भक्षातिमुक्तकाक्षोटनालिकेलमधूकजम् ॥ १६ ॥

त्रपुसैर्वार — कुष्माण्डश्ल ष्मातकपियालजं । वातिपत्तहरं केश्यं श्लेष्मलं गुरु शीतलम् ॥ १७॥

Taila of Akşa etc.

The oil of akṣa, atimukta, akṣoṭa, nālikela, madhūka, trapusa, ervāru, kuṣmānḍa, śleṣmātaka and piyāla alleviates vāyu and pitta. It promotes good hair and aggravates kapha. It is heavy and cooling.

पित्तश्लेष्मप्रशमनं श्रीपर्णीकशुकोद्भवम् ।
दोषघ्नं दीपनं मेघ्यं किञ्चित्तिक्तं रसायनम् ॥ १८ ॥
[माधवद्रव्यगुण:तैलवर्गं १०: १६-१८]

### Taila of Śrīparņa & Kimśuka

The oil of śrīparṇa and kimśuka alleviates pitta and kapha. It is doṣaghna (correcting morbid factors) and digestive stimulant. It promotes intellect. It is slightly bitter and rejuvenating.

### इल देमातकाक्षपिचुमं दककाकिनीनां,

काश्मर्यकस्य यदि वापि हरीतकीनाम् ॥ १६॥ तैलं निहन्ति पलितान्युपयुज्य नस्ये । गोक्षीरभोज्यनिरतस्य सदैव पुसः ॥ २०॥

### Taila of Śleśmātaka etc.

The oil of śleṣmātaka, akṣa, picumandaka, kākini, kāṣmaryaka and harītakī cures premature graying of hair when used for inhalation. For this purpose patients should constantly use cow's milk as their food.

20 **'यवतिक्ता**भवं तैलं स्वादुपाकं विलेखनम् ।

### कफवातहर रूक्षं कषाय नातिपित्तकृत् ॥ २१॥

#### Taila of Yavatiktā

The oil of yavanktā is sweet in vipāka and depleting. It alleviates kapha and vāta. It is uniunctuous and astringent. It does not aggravate pitta in excess.

21 सहकारभवं तैलं तिक्क सुऱिभरोचनम् ।

### Taila of Sahakāra

The oil of sahakāra is bitter, fragrant and an appetiser.

प्रलोद्भवानि तैलानि यान्युक्तानीह कानिचित् ।
23
गुणान्कर्म च दिज्ञाय फलाना च विनिर्दिशेत् ॥ २२ ॥
[माधवद्रव्यगुण: तैलवर्ग १०:१६-२१]

### Taila of other fruits

The oil extracted from other fruits which are described elsewhere in this text shares the properties of fruits from which it is extracted.

तैलं सर्जरसोव्भूतं विस्फोटन्नणनाशनम् ।
कुष्ठपामाकृमिहरं वातश्लेष्मामयापहम् ॥ २३ ॥
Taila prepared of Śarjarasa

The oil prepared of sarjaraşa cures visphoţa (pustular eruptions), vrana (ulcer), kustha (obstinate skin diseases including leprosy), pāmā (itching), kṛmi (parasitic infection) and diseases caused by vāyu and kapha.

तैनं स्वयोनिवत्सर्व कीतितं वाग्भटेन यत् । ततः शेषस्य बौद्धव्या योनिरेव गुणा जनैः ।। २४।। 'यावन्तः स्थावराः स्नेहाः समासात्परिकीरितताः । 24 सर्वे तैलगुणा ज्ञेया सर्वेप्यनिलनाशनाः ॥ २५ ॥ [माधवद्रव्यगुणः तैलवर्ग १०:२१-२२]

#### Miscellaneous

Vāgbhaṭa has stated that the oil shares the properties of the source plant from which it is extracted. Following this principle, the properties of the remaining types of oil should be determined.

> वसा मज्जा च वातघ्नौ वलिपत्तकफप्रदौ। मासानुगस्वरूपौ च विद्यान्मेदोऽपि ताविव ॥ २६॥

#### Muscle fat and Bone marrow

Vasā (muscle fat) and majjā (bone marrow) alleviate vāta and increase strength, pitta as well as kapha. They share the properties of the meat of the respective animals. Medas (fat) has also similar properties.

श्रील की सौकरी वा च हंसजा कुक्कुटोद्भवा। वसा श्रेष्ठा स्ववगेंषु कुंभीरमहिषोद्भवा।। २०॥ काकम्गवसा तद्वत्कारण्डोथा च निन्दिता।

The vasā (muscle fat) of ulluka, sukara, hamsa, kukkuṭa, kumbhīra, mahiṣa, kāka and mṛga is the best among their respective groups. The vasā (muscle fat) of kāraṇḍa is not useful.

सुन्दादु मेदइछाग तु हास्तिक तु वराहरम् ॥ २८ ॥

The medas (fat) of goat is delicious and that of the elephant is exceedingly useful.

> मधु ौ बृहणो बृष्यो बल्यो मज्जा तथा वसा। यथा सन्वं तु जैत्योष्णैर्वमामज्जा विनिर्दिशेत्।। २६।।

### **Property**

Both vasā (muscle fat) and majjā (bone marrow) are

sweet, nourishing, aphrodisiac and strength promoting. The potency, viz., hot and cold of vasā and majjā should be determined on the basis of the nature of the animal from which they are collected.

25
'घृतमब्दात्परं पक्वं हीनवीर्य प्रजायते ।
तैलं पक्वमपक्वं वा चिरस्थायि गुणाधिकम् ॥ ३० ॥'
[माधवद्रव्यगुणः तैलवर्ग २३]

#### Miscellaneous

Boiled ghee loses its potency after one year. But oil whether boiled or not maintains its potency for ever and therefore it is better.

### ॥ इति तैलवर्गः ॥

Thus ends the group dealing with various types of oils etc.

### NOTES AND REFERENCES

- 1. संयोगसंस्कारात्सर्वरोगापहं मतम् इति ग्राकरे पाठः ।
- 2 भग्नस्फुटितविद्धाग्निदग्धविश्लिष्टदारिते इति स्राकरे पाठः।
- 3. तथाभिहतनिर्भुग्ने मृगव्यालादिभक्षिते इति स्राकरे पाठः।
- 4. तद्बस्तिषु च इति आकरे पाठः।
- 5. हृद्बस्तिपार्श्वजानूरुत्रिकपृष्ठास्थिशूलिनाम् इति स्राकरे पाठः ।
- 6. यानाप्तष्ठीलिपत्तासृक् इति स्राकरेपाठः ।
- 7. प्लीहोदावर्त्तशूलिनाम् इति स्राकरे पाठः ।
- 8. वातामयश्वासग्रन्थिवत्रमेविकारिणाम् इति स्राकरे पाठः ।
- 9. पिच्छिलं इति ग्राकरे पाठः।
- 10. च इति स्राकरे पाठः।

- सर्वरोगप्रकोपणम् इति ग्राकरे पाठः । सर्वरोगहरं परं इति पष्ठपुस्तके पाठः ।
- 12 सौवर्चलेङ्गुदीपीलु इति आकरे पाठः ।
- 13. कंड्वस्रपित्तकृत् इति ग्राकरे पाठः।
- 14. तापोष्णे इति द्वितीयपुस्तके पाठः ।
- 15 सारलं इति ग्राकरे पाठः ।
- 16. भूगोष्णे कट्नीक्ष्णे च इति पाठः ।
- 17. श्रक्षातिमुक्तकाक्षोडनालिकेरमघूकजम् इति श्राकरेपाठः ।
- 18. पियज्जलम् इति द्वितीयपुस्तके पाठः ।
- 19. श्रीपर्णीकिंगुकोद्भवम् इति ग्राकरे पाठः।
- 20. स्वाद् पाके विरेचनम् इति स्राकरे पाठः ।
- 21. सतिक्तं सहकारस्य तैलं सुरिभ रोचनम् इति आकरे पाठः।
- 22. तानि च इति माकरे पाठः।
- 23. फलानीव विनिर्दिशेत इति ग्राकरे पाठः ।
- 24. सर्वे चानिलनाशनाः इति आकरे पाठः ।
- 25. घृतमद्वाद्वात्परं इति द्वितीयपष्ठपुस्तकयोः पाठः ।

### **CHAPTER 11**

'दीपनं रोचनं मद्यं तीक्ष्णोष्णं तुष्टिपुष्टिदम्।

स्वादुतिक्तकटुकमम्लपाकरसं सरम् ।। १।।

सक्षायं स्वरारोग्यप्रतिभावणंकुल्लघ् ।

नष्टिनद्रातिनिद्रभ्यो हितं पित्तास्रदूषणम् ॥ २॥

कृशस्यूलहितं रूकं सूक्ष्मं स्रोतोविशोधनम् ।

वातक्लेष्महरं युक्त्या पीतं विषवदन्यथा ॥ ३॥

[माधवद्रव्यगुणः मद्यवर्गं १२:१-३]

### Madya (Alcoholic drinks)

Alcoholic drink (madya) is a digestive stimulant, appetiser, sharp, uṣṇa, refreshing, nourishing, sweet, tikta, pungent, sour in vipāka and taste, laxative and astringent. It promotes good voice, health, intuition (pratibhā) and complexion. It is light. It is useful for persons who do not get sleep and also for persons who get sleep in excess. It vitiates pitta and blood. It is useful for both emaciated and corpulent persons. It is uṇ-unctuous and subtle. It cleanes the channels

of circulation. It alleviates vāyu and kapha. All the above mentioned properties are manifested when alcohol is taken only in appropriate dose. Otherwise it works like a poison.

यदपक्वोषधाम्बुभ्यां सिद्धं मद्यं स ग्रासवः। ग्ररिष्टः क्वाथसाध्यः स्यात्तयोर्मानं पलोन्मितम ॥४॥

### Āsava & Arista

The alcoholic drink prepared of unboiled drugs and water is called āsava. Ariṣṭa is prepared of decoctions and the dose of both the āsava and ariṣṭa is one pala (48 ml approx.).

आसवादिधकोऽरिष्टो गुणैः पाकेन लाघवात् । बीजद्रव्येण विज्ञेया श्रासवारिष्टयोर्गुणाः ॥ ५॥

Arista is better than āsava because the former is light because of boiling. Their properties are determined on the basis of the property of drugs used in their preparation.

्शालिषष्टिकपिष्टादिकृतं मद्य **सुरा म**ना । Surā

The alcoholic drink prepared of the paste of śāli and sastika types of rice is called surā.

त्रुवीं बलस्तम्भपुष्टिमेदःकफप्रदा ॥ 6 ॥'

गाहिणी शोफगुल्मार्शोग्रहणीमूत्रकुच्छन्तुत् ।

Surā in heavy. It promotes strength, power of retention (stambha), plumpness, medas (fat) and kapha. It is constipative. It cures śopha (oedema), gulma (phantom tumour), arśas (piles), grahaņī (sprue syndrome) and mūtrakrechra (dysuria).

पुनर्नवाज्ञालिपिष्टैविहिना वारुणी मना ॥ ७॥ ४ यत्तालखर्जूररसैः सहिता सापि वारुणी ।

### Vāruņī

The alcoholic drink prepared of the paste of *punarnavā* and *śāli* is called *vāruņī*. It is also prepared of the juice of *tāla* and *kharjūra*.

सुरावद्वारुणी लघ्वी पीनसाध्मानशूलनुत् ॥ ५॥'
[भावप्रकाशः सन्धानवर्ग ११: २३-२४]

Vāruņī shares the properties of surā. However, it is light and it cures pīnasa (chronic cold), ādhmāna (flatulence) and śūla (colic pain).

प्रसन्ना स्यात्सुरामण्डस्ततः कादम्बरी घना । जगलस्तदधः प्रोक्तो मेदको जगलादधः ॥ ६॥

### Different parts

The upper portion of surā (which is very thin) is called prasannā. The portion below that which is more dense is called kādambarī. The portion below that is called jagala. The surā which is at the bottom of the container is called medaka.

सद्यो गृहीत सारो यः कल्को ज्ञेयः स वक्कसः। किण्वं स्यान्मदिराबीजमसंजातं मधूलकम् ॥ १०॥

The fermenting material from where alcohol has been taken out is called vakkasa. The material that is used for initiating fermentation of alcoholic drinks is called kinva. If kinva is not matured then it is called madhūlaka.

प्रसन्नानाहगुल्मार्शः — छर्चरोचकवातनुत् ।

#### Prasannā

Prasannā cures ānāha (flatulence), gulma (phantom tumour), aršas (piles), chardi (vomiting), arocaka (anorexia) and aggravated vāyu.

### कादंबरी गुरुर्वृष्या दीपनी वातह्त्सरा।

### Kādambarī

Kādambarī type of alcoholic drink is a digestive stimulant. It cures ānāha (flatulence), pain in the heart and pelvic region and colic pain. It is heavy, aphrodisiac, alleviator of vāyu and laxative.

जालः कफनुद्गाही शोफार्शोग्रहणीहरः ॥ १२ ॥

रूक्षोष्णः पाचनो बल्यः क्षुत्तृष्णारुचिनाशनः ।

### Jagala

Jagala alleviates kapha. It is constipative. It cures sopha (oedema), arsas (piles) and grahaṇī (sprue syndrome). It is ununctuous, hot, carminative and strength promoting. It cures kṣut (morbid hunger), tṛṣṇā (morbid thirst) and aruci (anorexia).

में दको मधुरोबल्यः संतम्भनः शीतलो गुरुः ॥ १३ ॥

### Medaka

Medaka is sweet, strength promoting, stambhana (which increases the power of retention), cooling and heavy.

8 'दक्कसो हृतसारत्वाद् विष्टंभी वातकोपनः । [माधवद्रव्यगुणः मद्यवर्ग १२:६]

#### Vakkasa

Vakkasa from which alcohol is taken out is constipative and it aggravates vāyu.

किण्वकं वातशममनहृद्यं दुर्जरं गुरुः ॥ १४ ॥

### Kinyaka

Kinvaka alleviates vāyu. It is not good for heart. It is difficult of digestion and heavy.

10 **मधूलक**ं कफकर<sup>ं</sup> स्निग्धं विष्टम्भिदुर्जरम् ।

#### Madhīilaka

Madhūlaka aggravates kapha. It is unctuous, constipative and difficult of digestion.

मृद्धीकाभिः कृतं मद्यं मार्द्धीकं कापिशं च तत् ।। १५ ।।

कापिश मदिरा श्रेष्ठं स्निग्धं स्वादुसरं लघु।

रोचन पाचनं हृद्य वृंहण बलवीर्यदम् ।। १६ ।।

अल्पित्तानिलकरमविदाहि कफापहम् ।

पाण्डुताक्षयमेहार्शो विषमज्वरनाशनम् ।। १७ ।।

#### Mārdvīka

The alcoholic drink prepared of grapes is called  $m\bar{a}rdv\bar{i}ka$  or  $k\bar{a}pi\dot{s}a$ . It is the best among the alcoholic drinks. It is unctuous, sweet, laxative, light, appetiser, carminative, cardiac tonic and nourishing. It promotes strength and semen. It causes amlapitta (acidity in stomach) and aggravation of  $v\bar{a}yu$ . It does not cause burning sensation and it alleviates kapha. It cures  $p\bar{a}n\dot{q}u$  (anemia),  $k\dot{s}aya$  (consumption), meha (obstinate urinary disorders including diabetes),  $ar\dot{s}as$  (piles) and  $v\dot{s}ama$   $\dot{s}ava$  (irregular fever).

"तस्मादल्पान्तरगुणं खार्ज्रं वातलं गुरु । हृद्य कषायमधुरं मुगन्धेन्द्रियबोधनम् ॥ १८॥" [माधवद्रव्यगुणः मद्यवर्ग १२: ११]

### Khārjūra madya

The alcoholic drink prepared of  $kharj\bar{u}ra$  is slightly inferior in quality in comparison to the  $m\bar{a}rdv\bar{\imath}ka$  type of alcohic drink. It aggravates  $v\bar{a}yu$  and is heavy. It is a cardiac tonic, astringent, sweet and fragrant. It activates the senses ( $indriya\ bodhana$ ).

भातनधम्बुगुडंगोडो भिषिग्भः परिकीर्नितः ।
12
गोडोऽग्निवर्धनो वर्णबलकृत्तपणः कट्टः ॥ १६॥
तिक्तको बृंहणः स्वादुः सृष्टिविण्मूत्रमारुतः।

### Gauda madya

The alcoholic drink prepared of dhātakī, water and guḍa is called by physicians "gauḍa". It promotes the power of digestion, complexion and strength. It is refreshing, pungent, bitter, nourishing and sweet. It promotes the elimination of stool, urine and flatus.

मधूककुसुमैर्मद्य **माधूक**मिति कथ्यते ।। २०॥ वातपित्तकरं रूक्षं माधूकं परिकीतिनम । *Mādhūka madya* 

The alcoholic drink prepared of the flower of  $madh\bar{u}ka$  is called  $m\bar{a}dh\bar{u}ka$ . It aggravates  $v\bar{a}yu$  and pitta. It is ununctuous.

13 14 'इक्षोः पक्वेरसैः सिद्धः सीघुः पक्वरसञ्च सः ॥२१॥ 15 16 ग्रामेस्तैरेव विहितः स च शीतरसो भवेत्।

#### Sidhu

The alcoholic drink prepared of boiled sugar cane juice is called pakvarasa sidhu. If unboiled sugar cane juice is used in the preparation, then it is called sīta rasa.

सीधुः पनवरतः श्रेष्ठः स्वराग्निबलवर्णकृत् ॥ २२ ॥
17 18
वातपित्तकरो हृद्यः स्नेह्नो रोचनो जयेत् ।
18 20
विबन्धमेदो — शोफार्शः — श्वासोदरकफामयान् ।

Pakvarasa type of sidhu is the better of the two. It promotes good voice, digestive power, strength and complex-

ion. It aggravates  $v\bar{a}yu$  and pitta. It is a cardiac tonic, unctuous and an appetiser. It cures vibandha (constipation), medas (adiposity), sopha (oedema), arsas (piles),  $sv\bar{a}sa$  (asthma), udara (obstinate abdominal diseases including ascitis) and diseases caused by kapha.

तस्मादल्पगुणः शीतरसः संलेखनः स्मृतः ॥ २३ ॥ [भावप्रकाशः सन्धानवर्ग २१: २४-२७]

Sītarasa type of sidhu is slightly inferior in quality. It is known for its depleting action.

'शार्करो मधुरो हृद्यो दीपनो बस्तिशोधनः। वातघ्नो मधुरः पाके रुच्य इन्द्रियबोधनः॥ २४॥'

[माधवद्रव्यगणः मद्यवर्ग १२: १३]

### Śārkara

Sārkara type of alcoholic drink is sweet, cardiac tonic and digestive stimulant. It cleanses the urinary bladder and alleviates vāyu. It is sweet in vipāka, appetiser and stimulant of senses (indriya bodhana).

'छेदी मध्वासवस्तीक्षणो मेहपीनसकासजित्।'
[माधवद्रव्यगुण: मद्यवर्ग १२: १६]

### Madhvāsava

Madhvāsava in chedi (which takes away tissues by cutting) and sharp. It cures meha (obstinate urinary disorders including diabetes), pīnasa (chronic rhinitis) and kāsa (bronchitis).

21
प्राक्षिकः पाण्हुरोगघ्नो बल्यः संग्राहिको लघु ॥ २५ ॥
22
कषायो मधुरः शीतः पित्तघ्नोऽसृक्प्रसादनः ।

### **Āķ**şika

Ākṣika type of alcoholic drink cures pāndu (anemia). It

is a promoter of strength, constipative, light, astringent, sweet and cooling. It alleviates pitta and promotes blood formation.

23 **जाम्बबो** बद्धनिष्यंदो तौवरो वातकोपन: ।

तीक्षणः कषायो मदकृत् दुर्नामकफगुल्मनुत् ॥ २६ ॥'
[माववद्रव्यगणः मद्यवर्ग १२: १७-१८]

#### Jāmbava & Tauvara

Jāmbava type of alcoholic drink helps in the prevention of excretion (baddha nisyanda).

Tauvara aggravates vāyu. It is sharp, astringent and intoxicating. It cures durnāma (piles), aggravated kapha and gulma (phantom tumour).

'निर्दिशेद् द्रव्यतश्चान्यान् कंदमूलफलासवान्।' [माघवद्रव्यगुणः मद्यवर्ग १२: २१]

'ग्नरिष्टासवसीघूनां गुणान् कर्माणि चादिशेत्। 24 वृद्ध्या यथास्वमंस्कारमवेक्ष्य कुञलो भिषक् ॥ २७ ॥' [माधवद्रव्यगुण. मद्यवर्ग १२: २३-२४]

#### Miscellaneous

Many other types of alcoholic drinks viz., āsavas, aristas and sīdhus are prepared from rhizomes, roots and fruits of different plants. Their properties should be determined by an expert physician on the basis of the properties of their ingredients and the pharmaceutical processes followed in their preparation.

पिप्पल्यादि कृतो ग्लमकफरोगहरो भवेत्।

The alcoholic drink prepared from *pippalī* etc., cures gulma (phantom tumour) and diseases caused by kapha.

चिकित्सितेषु वक्ष्यन्तेऽरिष्टा रोगहराः पृथक् ॥ २ ॥।

In a separate section on the "treatment of diseases"

aristas which cure different ailments will be described.

नवं मद्यमभिष्यन्दि त्रिदोषशमनं सरम्। 25 भ्रहृद्यं विरसं दाही दुर्गन्यं विशदं गुरु ॥ २६ ॥

#### Fresh and Preserved wines

Freshly prepared alcoholic drinks are abhisyandi (which obstructs channels of circulation). It alleviates all the three dosas and is a laxative. It is not a cardiac tonic and is not tasteful (virasa). It causes burning sensation and produces putrid smell. It is viśada (non-slimy) and heavy.

'जींणें तदेव रोचिष्णुः क्रिमिश्लेष्मानिलापहम्। हृद्यं सुगन्धिगुणबल्लघु स्रोतोविशोधनम् ॥ ३०॥

[भावप्रकाशः सन्धानवर्ग २१: ३१]

The same alcoholic drink, when preserved for a long time and used, is relishing. It cures krmi (parasitic infection) and aggravation of kapha as well as  $v\bar{a}yu$ . It is cardiac tonic, fragrant, endowed with good qualities and light. It cleanses the channels of circulation.

व्यक्तं पञ्चरसं शुद्धं गंधयुक्तं गुणावहम्।

### Good and bad quality

The alcoholic drink in which five tastes are manifested, which is pure and which is endowed with good smell is of a good quality.

त्याज्यं विदाहि दुर्गन्धि विरसं क्रिमिलं धनम्।। ३१।।

The alcoholic drink which causes burning sensation, which is putrid in smell, which is of bad taste, which contains kymis (maggots) and which is thick should be rejected.

'सात्त्विके गीतहास्यादि राजसे साहसादिकम्। 26 तामसे निन्धकर्माणि निद्रांच कुरुते मदः॥ ३२॥

### Action on different types of individuals

Alcoholic drink makes a person of sāttvika type to sing and laugh. In a rājasika type of person it promotes strength. In tāmasika type of persons it produces despisable acts and they get sleep after taking alcoholic drinks.

विधिना मात्रया काले हितैरन्नैर्यथाबलम् । 27 प्रहुष्टो यः पिवेन्मद्यं तस्य स्यादमृतोपमम् ॥ ३३ ॥

### Proper method of drinking

An alcoholic drink, taken according to the prescribed procedure, in proper doses, at the proper time, along with wholesome food, according to the capacity of the individual and in an exhilerating mood produces effects like ambrosia.

किन्तु मद्यं स्वाभावेन यथैवान्नं तथा स्मृतम् । ग्रयुक्तियुक्तं रोगाय युक्तियुक्तं यथाऽमृतम् ॥ ३४ ॥ [भावप्रकाशः सन्धानवर्ग २१: ३२-३८]

By nature, an alcoholic drink is like a food. When used inappropriately, it causes diseases and in appropriate circumstances it works like ambrosia.

प्राणाः प्राणभृतामन्नं तदयुक्तचा निहन्त्यसून् । विषं प्राणहरं तच्च युक्तियुक्त रसायनम् ॥ ३५ ॥

Food, when taken appropriately, gives life and it takes away life when used inappropriately. A poison normally kills a person but when taken appropriately it works as a rejuvenating drug.

### ।। इति मद्यवर्गः ।।

Thus ends the group dealing with alcoholic drinks.

- 1. परम् इति म्रादर्शपृस्तिकासु पाठः।
- 2. स्मृता इति स्राकरे पाठः।
- 3. गुर्वो वलस्तन्यपुण्टिमेदः कफप्रदा इति स्राकरे पाठः ।
- 4. शोथग्ल्मार्शोग्रहणीम् त्रकृच्छनुत् इति आकरे पाठः ।
- 5. पुनर्नवाशालिपिष्टिविहिता वारुणी स्मृता इति आकरे पाठः ।
- सहितैरतालखर्ज ररसैयां सार्ऽप वारुणी इति श्राकरे पाठः ।
- 7. बीज समं जातं इति ग्राकरे पाठ: ।
- 8. वक्वसो इति द्वितीयपूस्तके पाठः।
- 9. वानवर्धनः इति द्वितीयपुस्तके पाठः।
- 10. विष्टम्भिम्वादुदुर्जरम् इति पष्ठपुस्तके पाठः ।
- 11. धानक्चन्नगुडैगौंडो इति पष्ठपुस्तके पाठः।
- 12. गौडोनिषेवितो इति षष्ठपुस्तके पाठः ।
- 13. रसो इति पष्ठपुस्तके पाठः ।
- 14. पनवः इति आदर्शपुस्तिकासु पाठः ।
- 15. यः सीधुः इति आकरे पाठः ।
- 16. शीतरसः स्मृतः इति भाकरे पाठः।
- 17. वातपित्तकरः सद्यः स्नेहनो रोचनो हरेत इति आकरे पाठः ।
- 18. मनेहनो रेचने जयेत् इति पष्ठप्रस्तके पाठः ।
- 19. विबन्दमेदः इति स्नाकरे पाठः ।
- 20. शोफोदरकफामयान् इति श्राकरे पाठः ।
- 21. म्राक्षकः इति म्राकरे पाठः ।
- 22. पित्तघ्नोऽस्कप्रसादनः इति ग्राकरे पाठः ।
- 23. बद्धनिस्यन्दस्तुवरो इति ग्राकरे पाठः ।
- 24. यथास्व सस्कारमवेक्ष्य इति श्राकरे पाठः।
- 25. दाहि इति पष्ठपुस्तके पाठ: ।
- 26. मदिराऽऽचरेत् इति आकरे पाठः ।
- 27. नस्य स्यादमृतं यथा इति आकरे पाठः।

## **CHAPTER 12**

कदमूलफलादीनि सस्नेहलवणानि च । यत्र द्रवेऽभिधीयन्ते तच्छुक्तमभिधीयते ॥ १॥ Sukta (Vinegar)

The potion prepared by adding rhizomes, roots and fruits along with fat and salt in water (lit. liquid) is called śukta.

'रक्तपित्तकर शुक्त छेदि भुक्तविपाचनम् ।
1 2
भेदन लेखन पाण्डुरोगकृमिहर लघु ।। २ ।।
3
तीक्ष्णोप्ण मुत्रल हुद्य कफन्न कटुपाकि च ।

It produces raktapitta (a disease characterised by bleeding from different parts of the body). It causes checlana (which takes away tissues by cutting). It helps in the digestion of food. It is purgative and depleting. It cures pāndu (anemia) and kimi (parasitic infection). It is light, sharp, hot, diuretic, cardiac tonic, alleviator of kapha and pungent in vipāka.

तद्वत्तदासुतं सर्व रावनं च विशेषतः ॥ ३॥' [माधतद्वारागुणः काञ्जिकवर्ग १३: १-२] 200 Materia Medica

When prepared by the process of fermentation (āsuta), it also produces the same effect. It, however, becomes a good appetiser.

''संधितं धान्यमण्डादि प्रोच्यते कांजिकं जनैः ।

Kāñjika

The potion prepared by fermenting dhānya manda etc., is called  $k\bar{a}\tilde{n}jika$ .

काञ्जिकं भेदितीक्ष्णोष्ण रोचन पाचनं लघु ॥ ४ ॥

'दाहज्वरहरं स्पर्गात् पानाद्वातकफापहम्' ।''

[माधवद्रव्यगुणः काञ्जिकवर्ग १३ : ७]

[भावप्रकाशः सन्धानवर्ग २१ : १-२]

It is purgative, sharp, hot, appetiser, carminative and light. When applied externally, it cures dāha (burning syndrome) and fever. When taken internally, it alleviates vāyu and kapha.

'तुषोदक यवेरनौः सतुषै शकलीकृतै ॥ ५ ॥'
[भावप्रकाशः सन्धानवर्ग २१: ५६]

## Tuşodaka

Tuṣodaka is prepared by the coarse powder of yava along with its husk and some other drugs.

'तुषांबु दीपनं हृद्य पाष्डुकिमिगदापहम् ।' [माधवद्रव्यगुण काञ्जिकवर्ग १३ - ६]

नीक्षणोष्णं पाचनं पित्तरक्तकृद्धस्तिशूलजित् ॥ ५॥

It is a digestive stimulant and a cardiac tonic. It cures pāṇḍu (anemia) and kṛmi (parasitic infection). It is sharp, hot and carminative. It vitiates pitta and blood and cures pain in the urinary bladder,

सौवीरं तु यवैरामेः पक्वैर्वा निस्तुपैः कृतम् । ४ ४ गोधूमैरपि सौवीरमिति क्वचन कीर्तिनम् ॥ ७॥

#### Sauvīra

Sauvīra is prepared of dehusked yava—either unboiled or boiled. In some places sauvīra is also prepared of godhūma.

10 सौवीरकं ग्रहण्यर्शःकफघ्नं भेदि दीपनम् । [उ]दावत्तांक्कमदीस्थिग्लानाहेष् शस्यते ॥ ८॥

Sauvīraka cures grahaņī (sprue syndrome), āršas (piles) and aggravation of kapha. It is purgative and digestive. It is useful in udāvarta (flatulence), anga marda (malaise), asthī śūla (pain in bones) and ānāha (tymphanitis).

ग्रारनालं तु गोधूमैंस्तत्सौवीरगुणं मतम् ।

## Āranāla

 $\bar{A}$ ranāla is prepared of godhūma and it shares all the properties of sauvīraka.

12 13 धान्याम्ल शालिचूर्णादि कोद्रवादिकृत मनम् । ग्ररुचौ वातरोगेषु सर्वेष्वास्थापने हिनम् ॥ ६ ॥ [भावप्रकाशः मन्धानवर्ग २१ : ८-११]

समृद्रमाश्रिताना च जनाना सात्म्यमुच्यते।

## Dhānyāmla

Dhānyāmla is prepared of the powder of śāli, kodrava etc. It is useful in anorexia and diseases caused by vāyu. It is useful in āsthāpana type of enema for all patients. It is sātmya (wholesome) for persons residing on the sea coast.

14 मूलकच्छदसथानं शाण्डाकी रोचनी मता ॥ १०॥ 202 Materia Medica

मुद्गादिवटकैर्यातु क्रियते सा गुणोत्तमा ॥ ११॥ सा तु वातहरी लघ्वी रोचनी पाचनी परम्। शूलाजीर्णविबन्धामनाशिनी बस्तिशोधनी ॥ १२॥

# Śäṇḍākī

The potion prepared by the fermentation of the leaves of mūlaka is called śāṇḍākī. It is purgative. The śāṇḍākī prepared of the vaṭaka of mudga etc., is superior in quality. It alleviates vāyu. It is light, appetiser and carminative par excellence. It cures śūla (colic pain), ajīrṇa (indigestion), vibandha (constipation) and āma. It cleanses the urinary bladder.

का [ञ्ज]कार्द्र सलवणं पाचनं दीपनं लघु ।

16
वातश्लेष्महरं रुच्यं विशेषादामवातनत् ॥ १३॥'

[माधबद्रव्यगुण: काञ्जिकवर्ग १३: ११]

# Special preparation of Kāñjika

The potion prepared of  $k\bar{a}\tilde{n}jika$  mixed with  $\bar{a}rdraka$  and salt is carminative, digestive stimulant and light. It alleviates  $v\bar{a}yu$  and kapha. It is an appetiser. It specifically alleviates  $\bar{a}mav\bar{a}ta$  (rheumatism).

## ॥ इति शक्तवर्गः ॥

Thus ends the group dealing with various types of vinegar.

## NOTES AND REFERENCES

- 1. जरणं इति आकरे पाठ:।
- श्लेष्मपाण्डुकृमिहरं इति श्राकरे पाठः।

- 3. कफजं इति श्राकरे पाठः।
- 4. सुविशेषतः इति द्वितीयपुस्तके पाठः । तु विशेषतः इति श्राकरे पाठः ।
- 5. काञ्जिकं कथ्यते इति आकरे पाठः।
- यवैरामैः इति श्राकरे पाठः ।
- 7. हत्पाण्डुकिमिरोगनुत् इति श्राकरे पाठः
- 8. सौवीरमाचार्याः इति स्राकरे पाठः।
- 9. केचिद्रचिरे इति स्राकरे पाठः।
- 10. सौवीर इति ग्राकरे पाठः।
- . 11. गोधूमैरामैः स्यान्निस्तुपीकृतै इति स्राकरे पाठः।
- 12. च इति स्राकरे स्रधिकं पाठः ।
- 13. भवेत् इति श्राकरे पाठः।
- 14. मूलकच्छदसंघाने इति षष्ठपुस्तके पाठः ।
- 15. काञ्चिकाद्र इति द्वितीयपुस्तके पाठः ।
- 16. वातिपत्तहरं इति षष्ठपुस्तके पाठः

### CHAPTER 13

'मूत्रं गोऽजाविमहिषीगजाइवोष्ट्रखरोद्भवम् । *Mūtra* (Urine)

## Variety

The urine of cow, goat, sheep, buffalo, elephant, horse, camel and donkey is commonly used in medicine.

पित्तलं तीक्ष्णरूक्षोष्णं लवणानुरसं कटु ॥ १ ॥
कृमिशोफोदरानाहशूलपाण्डुकफानिलान् ।
गुल्मारुचिविषश्वित्रकुष्ठार्शासि जयेल्लघ् ॥ २ ॥

## General Property

Urine aggravates pitta. It is sharp, un-unctuous, hot, saline in anurasa (subsidiary taste) and pungent. It cures kṛmi (parasitic infection), śopha (oedema), udara (obstinate abdominal diseases including ascitis), ānāha (flatulence), śūla (colic pain), aggravation of kapha as well as vāyu, gulma (phantom tumour), aruci (anorexia), viṣa (poisoning), śvitra (leucoderma) and kuṣṭha (obstinate skin diseases including leprosy). It is light.

गोम् त्रं लघु तीक्ष्णोष्णं सक्षारत्वान्न वातलम् । लघ्वग्निदीपनं मेघ्यं पित्तलं कफवातजित् ॥ ३॥

### Cow's urine

Cow's urine is light, sharp, hot and alkaline. Therefore, it does not aggravate  $v\bar{a}yu$ . It is light, digestive stimulant, promoter of intellect, aggravator of pitta and alleviator of kapha as well as  $v\bar{a}yu$ .

३ शूलगुल्मोदरानाहिवरेकास्थापनादिषु । 4 मूत्रप्रयोगसाध्येषु गव्यं मूत्रं प्रयोजयेत् ॥४॥

In diseases which are amenable to urine like *sūla* (colic pain), gulma (phantom tumour), udara (obstinate abdominal diseases including ascitis) and ānāha (flatulence) and for the purpose of purgation therapy and āsthāpana therapy cow's urine should be used.

5 कासश्वासापहं शोफकामलापाण्डुरोगनुत् । 6 छागं रूक्षोष्णकट्कं नाडीव्रणविषापहम् ॥ ५॥

#### Goat's urine

The urine of goat cures  $k\bar{a}sa$  (bronchitis),  $sv\bar{a}sa$  (asthma), sopha (oedema),  $k\bar{a}mal\bar{a}$  (jaundice) and  $p\bar{a}ndu$  (anemia). It is ununctuous, hot and pungent. It also cures  $n\bar{a}d\bar{i}vrana$  (sinus) and visa (poisoning).

ग प्लीहोदरश्वासकासशोफवर्चोग्रहे हितम् । सक्षारं तिक्तकटुकमुष्ण वातघ्न**माविकम्**।

# Sheep's urine

The urine of sheep cures plihan (splenic disorder), udara (obstinate abdominal disorders including ascitis), śvāsa

(asthma), kāsa (bronchitis), šopha (oedema) and varcograha (retention of stool). It is alkaline, bitter, pungent and hot. It alleviates vāyu.

### Buffalo's urine

The urine of buffalo is useful in durnāma (piles), udara (obstinate abdominal diseases including ascitis), śūla (colic pain), kuṣṭha (obstinate skin diseases including leprosy), meha (obstinate urinary disorders including diabetes), viśuddhi (elimination therapy), ānāha (tymphanitis), śotha (oedema), gulma (phantom tumour) and pāṇḍu (anemia).

सितक्तलवणं भेदि वातघ्नं पित्तकोपनम् ॥ ७॥ तीक्ष्ण क्षारं किलासे च नागम् त्रं प्रयोजयैत्।

## Elephant's urine

The urine of elephant is bitter, saline and purgative. It alleviates  $v\bar{a}yu$  and aggravates pitta. It is sharp and alkaline. It is useful in  $kil\bar{a}sa$  (a type of leucoderma).

### Urine of Horse

The urine of horse is a digestive stimulant, pungent, sharp and hot. It cures diseases caused by aggravation of  $v\bar{a}yu$  and of the mind. It alleviates kapha and cures krmi (parasitic infection) and dadru (ring worm).

भौष्ट्रं कुष्ठोदरोन्मादशोफार्शःकृमिवातनुत् ॥ ६॥

#### Camel's prine

The urine of camel cures kustha obstinate skin

diseases including leprosy), udara (obstinate abdominal diseases including ascitis), unmāda (insanity), aršas (piles) and kṛmi (parasitic infection). It alleviates vāyu.

गरचेतोविकारघ्नं तीक्ष्णं जठररोगनुत्। 14 दीपनं गार्वभं मूत्रं कृमिवातकफापहम् ॥ १०॥

## Urine of donkey

The urine of donkey cures gara (poisoning) and cetovikāra (mental disease). It is sharp. It cures jathara (obstinate abdominal diseases including ascitis). It is a digestive stimulant. It also cures kṛmi (parasitic infection). It alleviates vāyu and kapha.

कषायितक्तमेतेषां हिक्काश्वासहरं शक्त् ।

पित्तरक्तकृमिहरं रोचनं कफवातिजत् ॥ ११॥'

[माधवद्रव्यगुणः मूत्रवर्गे १४: १-१२]

### Stool

The stool of these animals is astringent and bitter. It alleviates hikkā (hiccup), śvāsa (asthma), vitiation of pitta and blood and kṛmi (parasitic infection). It is appetiser and it alleviates kapha and vāyu.

'नरमूत्र' गर' हन्ति सेवितं तद्रसायनम् । रक्तपामाहर' तीक्ष्णं सक्षारलवर्णं स्मृतम् ॥ १२ ॥

### Human urine

The urine of human beings cures gara (poisoning). It is rejuvenating. It alleviates vittation of blood and pāmā (itching). It is sharp, alkaline and saline.

गोजाविमहिषीणा तु स्त्रीणा मूत्रं प्रशस्यते ।

18
खरोष्ट्रेभनराश्वानां पुंसां मूत्र हित मतम् ॥ १३॥'
[भावप्रकाशः मूत्रवर्गं १६: ७-८]

#### Male and Female urine

The urine of females of cattle, goat, sheep and buffalo is more useful. On the other hand, the urine of the males of donkey, camel, elephant, human being and horse is known to be useful.

स्त्रीपुंसयोरनियमश्चरकादौ यतो मतः । तस्मादन्यतमं शास्त्रं विशेषात्स्त्रीसमुद्भवम् ॥ १४॥

In classics like Caraka, this distinction between male and female urine has not been made. Therefore, in actual practice urine of either the male or female animal can be used. However, the urine of female animal is more useful.

Thus ends the group dealing with various types of urine.

### NOTES AND REFERENCES

- गोजाविमहिषीगजाश्वौष्ट्रखरोद्भवम् इति स्राकरे पाठः ।
- 2. कटु इति श्राकरे पाठः।
- 3 शूलगुल्मोदरानाहविलेपास्थापनादिषु इति स्राकरे पाठः।
- 4. म्त्रप्रयोगे सर्वेषु इति आकरे पाठः।
- 5 (क) शोथकामलापाण्युरोगनुत् इति स्राकरे पाठः।
  - (ख) गोफकामलापाण्डुदाहनुत् इति षष्ठपुस्तके पाठः।
- 6. नाडीविषगरापहम् इति आकरे पाठः।
- 7. प्लीहोदरश्वासकासशोथवर्चोग्रहे इति श्राकरे पाठः।
- 8 कुष्ठमेहिवशुद्धिषु इति स्राकरे पाठः ।
- 9. पाण्डुरोगे च इति ग्राकरे पाठः।
- 10. वानरोगविकारनुत् इति स्राकरे पाठः ।
- 11. कासहर इति आकरे पाठ: ।

- 12. रुक्षं इति स्नाकरे पाठः।
- 13. कृमिकण्डुविनाशनम् इति षष्ठपुस्तके पाठः।
- 14. कृमिवानविषापहम् इति ग्राकरे पाठः।
- 15. हिध्माश्वासहर इति आकरे पाठः।
- 16. सकृत् इति द्वितीयपुस्तके पाठः।
- 17. गोऽजाऽविमहिषीणां इति म्राकरे पाठः।
- 18. स्मृतम् इति भाकरे पाठ. ।

## **CHAPTER 14**

## सामान्यतो जलगुणाः

'पानीयं श्रमनाशनं क्लमहरं मूच्छिपिपासाहरम्।
तन्द्रास्वप्निविनाशनं बलकरं स्याज्जीवनं तर्पणम् ॥१॥
हृद्यं गुप्तरसं ह्यजीर्णशमनं चैकान्तपथ्यं परम्।
शीतं लघ्वमृतोपमं रसगणानां कारणं छिद्दिहृत् ॥ २॥

### Water

## General properties

Water removes physical and mental fatigue, mūrchā (fainting), thirst, tandrā (drowsiness) and svapna (sleep). It promotes strength. It is life giving, refreshing and caradiac tonic. It has unmanifested tastes. It cures indigestion. It is wholesome par excellence. It is cooling, light and like ambrosia. It helps in the manifestation of all tastes. It cures chardi (vomiting).

## म्रय तब्भेवा :

पानीयं प्रथमं प्रोक्तं दिव्यं भौममिति द्विधा ।

### Varieties

Water is first classified into two categories viz., divya (which falls from the sky) and bhauma (which is available on the earth).

दिव्यं त्वनिर्देश्यरस जीवनं तर्पण लघु ॥ ३ ॥

रसायनं नृषामूर्च्छानित्द्रादाहक्लमापहम् ।

सौम्यं च पाचन बल्यं मदनिद्रा विदोषनुत् ॥ ४ ॥

आश्वासजननं ह्लादि श्रमध्नमतिवृद्धिकृत् ।

The former type of water has no manifested taste. It is life-giving, refreshing, light and rejuvenating. It cures tṛṣā (morbid thirst), mūrchā (fainting), tandrā (drowsiness), dāha (burning syndrome) and klama (mental fatigue). It is saumya (cooling) and carminative. It promotes strength and cures mada (intoxication), nidrā (excessive sleep) and vitiation of all the three doṣas. It gives consolation and happiness. It removes physical fatigue and promotes intellect.

धाराजं करकाजातं तौषार हैममेव स ॥ ५ ॥ 2 चतुद्धी सलिल दिव्यं तेषु धारं गुणाधिकम्।

## Classification of divya type of water

Divya type of water is of four types viz., dhārāja, karakājāta, tauṣāra and haima. Of them, dhārāja is the best.

पतितं यत्तु गगनासद्धारिमित कीर्तितम् ॥६॥
तत्तु धौतशिलाहर्म्यपटादिभ्यो विनिःसृतम् ।
हेमाद्रिपाचगं पेयं यावन्न विकृतं भवेत्॥७॥
तत्तु तावद्भवेद्दिव्यं यावत्प[त]ति [न]भुवि ।
धारं नीरं महत्पित्तं कफान्सहरते लघु ॥ ६॥

## Dhārāja water

The water that falls from the sky is called *dhārāja*. It should be collected on a clean roof made of stones or through a piece of cloth and collected in vessels of gold and stone. It should be used before it gets spoiled. The rain water which is collected before it falls on the earth is called *divya*. *Dhāra* type of *divya* water alleviates *vāyu*, *pitta* and *kapha* and it is light.

धारं वारि द्विधा ज्ञेयं गांगसामुद्रभेदतः।

### Variety

The dhāra type of water is of two type viz., gāṅga (which is derived from the river (?) Ganges and sāmudra (which is derived from the sea).

'श्राकाशगंगा संभूतं जलमादाय दिग्गजाः ॥ ६ ॥ मेघैरन्तरिता वृष्टिं कुर्वन्तीति वचः सताम् ।

According to the saints, diggajas (elephant guiding different directions as described in the epic) collect water from  $\bar{a}k\bar{a}sa$  gangā (the gangā river in the sky as described in the epic) and release it on the earth in the form of rain through the cloud.

गंगामाश्वयुजे मासि यत्प्रवर्पति तोयदः ॥ १०॥ ७ ॥ १ ॥ १ ॥ १ ॥ १ ॥

The gangā water which rains from the clouds in the month of aśvina (September-October) is always useful for drinking. This is described in Caraka samhitā.

9
स्थापितं हेमजे पात्रे राजते मृण्मयेऽपि वा ॥ ११॥
शाल्यन्नं येन संसिक्तं भवेदक्लेदि वर्णवत् ।
तद्गांगं सर्वदोषघ्नं ज्ञोयं सामुद्रमन्यथा ॥ १२॥
[भावप्रकाश: वारिवर्ग १३: १०-१३]

If this gānga type of water is collected in a vessel of gold, silver or stone and śāli rice is kept in it soaked then this rice does not deteriorate (ak ledi) and it retains its colour for a long time. This is the characteristic feature of gānga type of water. In sāmudra type of water this śāli rice deteriorates.

10 'आहिवने मासि सामुद्रं गुणैगाँगवदादिशेन् ।'

The sāmudra type of water which rains in the month of aśvina (September-October) shares all the properties of the gānga type of water.

'फूत्कारविषवातेन नागानां व्योमचारिणाम् ॥ १३ ॥ 11 वर्षासु सविषं तोयं दिव्यमप्याश्विनादृते । ग्रनार्त्तवं प्रमुञ्चन्ति वारि वारिधरास्तु यत् ॥ १४ ॥ तन्त्रदोपाय सर्वेषां देहिना परिकीर्तिनम् ।

#### Poisonous Water

The nāgas (snakes as described in the epic) moving in the sky emit (phutkāra) poisonous air which impregnates the rain water and such rain falls take place from clouds unseasonally i.e. during months other than aśvina (September and October). This type of water aggravates all the three dosas in living cieatures.

12 दिव्यं वाय्वग्निसंयोगान्संहनाः स्वात्पतन्ति याः ॥१५॥ 13 शिलाशकलवच्चापस्ता **कारक्यो**ऽमृतोपमाः ।

## Karakājāta (Water from hail stone)

The divya type of water gets condensed because of the impact of wind and heat (agni) and falls from the sky in the form of pieces of stone. This is called karakājāta water which is like ambrosia.

14 कारक्योत्थं जलं रूक्षं विशदं गुरु च स्थिरम् ॥ १६ ॥ 15 दारणं शीतलं सान्द्रं पित्तहृत्कफवातकृत् ।

This type of water is un-unctuous, non slimy (viśada), heavy and sthira (stable). It is penetrating (dāraṇa), cooling and dense. It alleviates pitta and aggravates kapha as well as vāta.

16 17 18 अपितात् याः समुद्रान्ते वह्न राप [श्व]तद्भवा ॥१७॥ 19 20 धूमावयविन मुंक्तास्तुषाराख्यास्तु ता मताः । अपथ्याः प्राणिनां प्रायो भुरुहाणा तृ ता हिताः ॥१८॥

Tausāra (Water from dew & frost)

The water on the sea coast gets impregnated with heat (vahni). It is free from portions of smoke and is called tuṣāra. It is generally unwholesome for living creatures but it is useful for plants.

वौषारं वातल शीतं रूक्षं सान्द्रमपित्तलम् ।
22
कफोरुस्तम्भकुष्ठाग्निमेदोगण्डादिरोगनुत् ॥ १६ ॥

Tauṣāra types of water aggravates vāyu. It is cooling, un-unctuous and dense. It does not aggravate pitta. It cures ailments like aggravation of kapha, urustambha (a disease characterised by immobility of thigh), kuṣṭha (obstinate skin diseases including leprosy), agni (digestive power), medas (adiposity) and ganda (goitre).

हिमविच्छिखरादिभ्यो द्रवीभूयाभिवर्षति । यत्तदेव हिमं हैमं जलमाहुर्मनीषिणः ।

## Haima (Water from snow)

When the snow (hima) collected on the top of hills melts and this water comes through rain fall, it is called haima water.

<sup>23</sup> हैमं गुरुतर<sup>ं</sup> शीतं पित्तनुद्वातवर्धनम् ।। २०।।

This water is heavier and cooling. It alleviates pitta and aggravates vāyu.

# श्रन्ये तु:

24 जलमनलधूमेरितमन्तःसमुद्रम्य यद्घनीभृतम् । 25 पवनानीतमुदीच्यां तद्धिममिति कीर्त्यते मुनिभिः ॥२१॥ [भावप्रकाशः वारिवर्ग १३: १६-२३]

#### Another view

The sea water being impelled by heat (anala) and smoke gets condensed (solidified). It is carried by the wind to the north which is called hima (snow) by sages.

'हिमन्तु शीतलं रूक्षं दारणं सूक्ष्ममेव च । 26 कफंन तद्द्ययति न पिन न च मारुतम्'।। २२ ॥

This snow (hima) water is cooling, ununctuous, dāraņa (which causes excission) and subtle. It does not vitiate either kapha or pitta or vāyu.

27 एतेन हिमस्य हैविध्यमा[स्या]तम्'।

Thus, there are two types of hainia water.

28
अथ भौमं जल वक्ष्ये यथा देशगुणान्वितम् ॥ २३ ॥
भौममम्भ प्रथमतिम्त्रिविधं मुनिभिर्मतम् ।
ग्रानप जाङ्गलं चैव तथा साधारणं क्रमात् ॥ २४॥

Bhauma (Water on earth)

Depending upon the attributes of the land, the bhauma

type of water is first classified into three types viz., ānūpa, jāngala and sādhāraņa.

देशः प्रचुरपानीयो बहुवृक्षसमाकुलं । बहुवातकफव्याधिरानूप इति कीर्तितः ॥ २५ ॥ श्रहपोदकः स्वत्पवृक्षः प्रायः पित्तासृगामयः । विज्ञेयो जाङ्गलो देशस्ताभ्यां साधारणः परः ॥ २६ ॥

The area which contains a lot of water, which is surrounded by many trees and where many diseases caused by  $v\bar{a}yu$  and kapha are manifested is called  $\bar{a}n\bar{u}pa$  (marshy land). The land which has less of water and fewer trees and where diseases of pitta and blood occur is called  $j\bar{a}ngala$  (arid land). The land which is in between these two categories is called  $s\bar{a}dh\bar{a}rana$  (moderate land).

ग्रानूपोद्भव**मानूपं जांगलं** जङ्गलोद्भबम् । साघारणस्थलोत्थं च जल **साधारणं** मतम् ॥ २७ ॥

The water found in marshy areas is called  $\bar{a}n\bar{u}pa$ , that of arid areas is called  $j\bar{a}ngala$  and that of the moderate type of land is called  $s\bar{a}dh\bar{a}rana$ .

'श्रानूपं वार्यभिष्यन्दि स्वादुस्निग्धं तथा गुरु ।
30
विह्नहत्कफकृन्निद्यं विकारान्कुरुते बहून् ॥ २८॥
[भावप्रकाशः वारिवर्ग १३:३०]
क्रेयं जांगलमानूप विपरीतगुणान्वितम् ।
'साधारणं तु मधुरं दीपनं शीतलं लघु।
31
तपंणं प्रीतिजनकं तृष्णाघ्नं दाहदोषनुत् ॥ २६॥'
[भावप्रकाशः वारिवर्ग १३:३१]

## Attributes

The anupa type of water reduces the power of digestion

and aggravates kapha. It is despisable. It causes many diseases. The  $j\bar{a}n\bar{g}ala$  type of water has properties which are just opposite to  $\bar{a}n\bar{u}pa$  type. The  $s\bar{a}dh\bar{a}rana$  type of water is sweet, digestive stimulant, cooling, light and refreshing. It producess the feeling of comfort and cures  $trsn\bar{a}$  (morbid thirst) and  $d\bar{a}ha$  (burning syndrome).

भौमस्य पयसोऽन्येऽपि भेदाः सन्ति वदामि तान्। नादेय प्रभृतिस्तेषां लक्षणानि गुणानपि ॥ ३०॥

### Another Classification

The bhauma type of water is also classified in a different way like nādeya (which is derived from nadī or river) etc. Their characteristics and properties will now be described.

'नद्या नदस्य वा नीरं नादेयमिति कीर्तितम्।

### River Water

The water of a nadī (small river) or nada (big river) is called nādeya.

नादेयमुदकं रूक्षं वातल लघु दीपनम् । 32 अनभिष्यन्दि विशदं कट्क कफपित्तजित् ॥ ३१॥

This is ununctuous, aggravator of  $v\bar{a}yu$ , light, digestive stimulant, anabhiṣyandi (which does not obstruct the channels of circulation),  $vi\hat{s}ada$  (non-slimy) and pungent. It alleviates kapha and pitta.

नद्यः शीध्रप्रवाहारच सर्वा यारचामलोदकाः । गुर्व्यः गैवालसछन्ना मंदगाः कलुपारच याः' ॥ ३२ ॥ [भावप्रकाशः वारिवर्ग १३: ३३-३४]

All rivers which have a strong flow carry pure water. The water of the river which flows very slowly, is heavy. It is covered with moss etc. and its water is not pure.

'नदीसरस्तडागम्थे कूपप्रस्रवणादिजे

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उदके देशभेदेन गुणान् दोषांश्च लक्षयेत्।। ३३।।

### Other Varieties

The good and bad qualities of the water of rivers, lakes, ponds, wells and springs should be determined on the basis of the attributes of the land in which they are situated.

विदार्यभूमि निम्नां यन्महत्या घारया स्रवेत् । 33 तत्रोयमौद्भिद नाम भिषजः प्राक्तना जगुः ॥ ३४ ॥

Audbhida (Water coming out from earth)

The water which comes out in a strong current by penetrating the low lying land is called *audbhida* by ancient physicians.

ग्रौदि्भदं वारि पित्तध्नमिवदाह्यतिशीतलम् । प्रीणनं मधुर बल्य ईषद्वातकर लघु ॥ ३५॥

The audbhida type of water alleviates pitta. It does not produce burning sensation. It is exceedingly cold, refreshing, sweet and strength promoting. It is a mild aggravator of  $v\bar{a}yu$  and is light.

34 शैलसानुस्रवद्वारिप्रवाहो निर्भरो मतः । 35 सानु प्रस्रवण चापि तज्जल नैर्भर भवेत् ॥ ३६ ॥

Nirjhara (Water from Spring)

The water that flows from the peak of the mountain is called *nirjhara*. The water of the spring that is found in the peak is also called *nirjhara*.

नैर्भर रुचिकृन्नीरं कफघ्नं दीपन लघु । 36 मधुरं कटुपाकं च वातलं चातिपित्तकृत् ॥ ३७॥

The water of *nirjhara* is appetiser, alleviator of *kapha*, digestive stimulant, light, sweet in taste and pungent in *vipāka*.

It aggravates vāyu and excessively aggravates pitta.

नद्याः शैलवराच्चापि स्नुतमेकत्र संस्थितम् ।
कुमुदांभोजसंछन्न वारि मारसमृच्यते ॥ ३८॥

Sārasa (Water of pond)

The water that flows down from the big mountain and gets accumulated in the valley is called sārasa. It is covered with kumuda and padma.

सारसं सिललं बल्यं तृष्णाघ्नं मधुरं लघु। 37 तुवरं रोचनं रूक्षं वद्धमूत्रमलं शुचिः ॥ ३१ ॥

The sārasa type of water is strength promoting, alleviator of  $trsn\bar{a}$  (morbid thirst), sweet, light, astringent, appetiser and un-unctuous. It causes retention of urine and stool. It is pure.

अरुपं सरः पत्वलं स्याद्यत्र दक्षिणगे रवी । न निष्ठित जलं किञ्चित्तत्रत्य वारि पान्वलम् ॥४०॥

## Pālvala (Water of small pond)

A small pond is called palvala. During the southern solstice when the sun moves towards a southernly direction, these small ponds get dried. The water of these small ponds is called pālvala.

पाल्वल वार्यभिष्यन्दि गुरु स्वादु त्रिदोषकत् ।

This water is abhisyandi (which obstructs the channels of circulation), heavy and sweet. It aggravates all the three dosas.

प्रशस्तभूमिभागस्य नैकसवत्सरोपितम् । मुनिभिः किल तत्तोयं ताडागमिति कीर्तितम् ॥ ४१ ॥ 220 Materia Medica

## Tādāga (Water from lake)

The water that gets accumulated for many years in a plain land is called  $t\bar{a}d\bar{a}ga$  by the sages.

ताडागमुदकं स्वादुः कषायं कटुपाकि च । वातलं बद्धविण्मूत्रमसृक्पित्तकफापहम् ॥ ४२॥

The water of taḍāga is sweet and astringent in taste and pungent in vipāka. It aggravates vāyu. It causes retention of stool and urine. It alleviates vitiation of blood, pitta and kapha.

शिलादिभिरबद्धो यः सतीर्था वापिकाकृति । सगर्तः कथितक्रचुण्डस्तज्जलं चौण्डमुच्यते ।। ४३ ॥

### Caunda water

The receptacle of water dug in the earth of the size of a  $v\bar{a}pi$  (big well) which has no boundary wall of stone and which has a staircase to go down is called cunda. Its water is called caunda.

40 चौण्ड्यं नीरं विह्निकरं रूक्षं कफहरं लघु । मधुरं पित्तनुद्वुच्यं पाचनं विशदं मतम् ॥ ४४॥

This water stimulates digestion. It is ununctuous, alleviator of *kapha*, light, sweet, alleviator of *pitta*, appetiser, carminative and *viŝada* (non slimy).

"पाषाणैरिष्टिकाभिर्बद्धास्याद्या तु कूपवत्। वाषी सा खलु विज्ञैया कृतसोपानपङ्क्तिका ॥४५॥

## Vāpī water

The water reservoir which is like a well, which has a boundary wall of stone or brick and which has a staircase to go down, is called *vāpī*.

वाप्यं क्षारं जलं पित्तकरं वातकफापहम् तदेव यदि मिष्टं स्यात्तदा पित्तानिलापहम ॥ ४६ ॥

The water of the  $v\bar{a}p\bar{\imath}$  is alkaline. It aggravates pitta and alleviates  $v\bar{a}yu$  as well as kapha. If this water is sweet in taste then it alleviates pitta and  $v\bar{a}yu$ .

भूमौ सातोऽल्पविस्तारो गाम्भीयणाधिकोभृशम् । 41 इष्टिकादिनिबद्धश्च स कृप इति कीर्तितः ॥ ४७ ॥"

## \_ Kūpa water

The water reservoir prepared by digging earth which has no wide opening but which is very deep and which has a boundary wall of bricks is called  $k\bar{u}pa$  (well).

'कौपं पयो यदि स्वादु त्रिदोपघ्नं हितं लघु । तत्क्षारं कफवातघ्नं दीपनं पित्तकृत्परम्' ॥ ४८ ॥ [भावप्रकाशः वारिवर्ग १३ : ४६]

If the water of this well is sweet in taste, then it alleviates all the three doṣas. It is wholesome and light. If the taste of this water is alkaline, then it alleviates kapha and  $v\bar{a}yu$ . It is a digestive stimulant and it aggravates pitta.

'नद्यादिनिकटे भूमियां भवेद्वालुकामयी । उद्भाव्यते ततो यत्तु तज्जलं विकरं विदुः ॥ ४६ ॥

## Vikira water

The water that is taken out by digging small hole in the sandy river bed is called vikira.

विकिरं शीतलं स्वच्छ निर्दोषं लघु च स्मृतम्। तुवरं स्वादु पित्तघ्नं क्षारं तित्पत्तलं मनाक् ॥ ५०॥

This water is cooling, pure, free from defects and light.

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If it is either astringent or sweet then it alleviates pitta. If it is alkaline then it slightly aggravates pitta.

42 केदार क्षेत्रमृह्प्ट **कैदा**रं तज्जलं भवेत्।

#### Kedāra water

Kedāra means a field. The water of the field is called kaidāra.

कैदारं वार्यभिष्यन्दि मधुर गुरु दोषकृत्।। ५१।।

This water is abhisyandi (which obstructs the channels of circulation), sweet and heavy. It aggravates dosas.

वर्षिक तदहर्वृष्टं भूमिष्ठमहित जलम् । त्रिरात्रमुषितं तत्तु प्रसन्तममृतोपमम् ॥ ५२ ॥

#### Rain water

The rain water which is collected from the ground on the same day is unwholesome. If it remains on the ground for three nights then it becomes clear and acts like ambrosia.

45 46
हेमन्ते सारसं नीरं ताडाग वा गुणावहम् ।
47
शिशिरेऽपि हितं तीय मारस वा तडागजम् ॥ ५३ ॥
43
वसन्तग्रीष्मयोः कौष्यं वाष्य वा नैर्भरं जलम् ।
नादेयं वारि नादेयं वसन्तग्रीष्मयोर्बु बैः' ॥ ५४ ॥

[भावप्रकाशः वारिवर्ग १३: ५४-६०]

49
'विषवत्पत्रपुष्पादिदुष्टिनिर्भरयोगतः

50
ओदि्भदं वान्तरिक्षं वा वारि वर्षासु शस्यते ।। ५५ ॥
शस्तं अरदि नादेयं नीरमंश्रदकं परम ।

#### Water in different seasons

In the hemanta (early winter) and sisira (later part of winter) seasons the water of saras (big pond) and tadāga (small pond) is useful. In spring and summer the water of a well, vāpī (big well) and nurjhara (spring) is useful. In the spring and summer seasons, river water should not be used because it gets polluted by poisonous leaves, flowers etc., and also by the polluted springs. During the rainy season, audbhida type of water (that comes out by piercing the earth) and the water that is collected directly from the sky (āntarikṣa) is useful. During autumn, river water and amśūdaka (described below) are useful.

दिवा रिवकरेपुंष्टं निश्चि शीतकरांशुभि:।
ज्ञेयमंशूदकं नाम स्निग्धं दोषत्रयापहम्।। १६॥
ग्रनभिष्यंदिनिर्दोषमांतरिक्षजलोपमम्
।
बल्यं रसायनं मेध्यं शीतं लघु सुधासमम्।। १७॥

### Amšūdaka

The water which is exposed to the sun's rays during the day time and the moon's rays during the night time is called arisūdaka.

It is unctuous. It alleviates all the doṣas. It is anabhiṣyandi (which does not obstruct the channels of circulation) and free from defects. It is like āntarikṣa jala (water collected directly from the sky). It is strength promoting, rejuvenating, intellect promoting, cold and light. It is like ambrosia.

#### अन्यच्च :

#### Another view

The clean water of autumn which is impregnated with the rays of agastya (star canopus) is always useful.

## ग्रयवृद्धसुश्रुतमतम् :

पौषे वारि सरोजातं माघे तत्तु तडागजम् ।
53
फालगुने कूपसंभूनं चैत्रे चौण्ड्य हितं मतम् ॥ ५८ ॥
55
वैशाखे नैर्भरं नीरं ज्येष्ठे शस्तं तदौद्भिदम् ।
ग्राषाढे शस्यते कौपं श्रावणे दिन्यमेव च ॥ ५६ ॥
56
भाद्रे कौपं पय: शस्तमाध्विने चौण्ड्यमेव च ।
57
कार्तिके मार्गशीर्ये च पयोमात्रं प्रशस्यने ॥ ६० ॥

## Water in different months according to Vrddha Susruta

In the month of pauṣa (December-January) the water of saras (big pond) is useful. In the month of māgha (January-February) the water of taḍāga (small pond) is useful. In phālguna (February—March) well water is useful. In caitra (March—April) the water of cauṇḍya (a big well without a boundary wall) is useful. In vaiṣākha (April—May) spring water is useful. In jyeṣṭha (May—June) audbhida (the water that comes out penetrating the earth) is useful. Well-water is useful in āṣāḍha (June—July) and the water collected directly from the sky (divya) is useful in śrāvaṇa (July—August). In bhādrapada (August—September) well-water is useful and in aśvina (September—October) the water of cuṇḍa (big well without any border wall) is useful. In kārtika (October—November) and mārgaṣūrṣa (November—December) all types of water are useful.

## ग्रय जलोद्धरणकाल:

#### Time of Collection

All types of water available on the ground should be collected in the early morning because during this time they are extremely cold and clean.

60

म्रत्यम्बुपानान्नविपच्यतेऽन्नमनम्बुपानाच्च स एव दोषः । 61 तस्मान्नरो विह्निविवर्द्धनाय मुहुर्मु हुर्वारि पिवेदभूरि ॥६२॥'

[भावप्रकाशः वारिवर्ग १३: ६१-६६]

#### Mode of intake

Taking water in excess or not taking any water—both affect the process of digestion of food. Therefore, with a view to promoting the power of digestion, a person should take water in small quantities very frequently.

चन्द्रकान्तोद्भव रूक्षं विषिपत्तज्वरापहम् । [माघवद्रव्यगुण: तोयवर्ग १५: ११]

### Candrakānta water

The water collected by moon stone (candrakānta) is ununctuous. It cures viṣa (poisoning), aggravation of pitta and jvara (fever).

सामुद्रमुदकं विस्रं लवण सर्वदोषकृत् ॥ ६३ ॥

### Sea-water

The water of the sea is visra (foul smelling) and saline. It aggravates all the dosas.

62 नद्यः पाषाणविच्छिन्नक्षुभिताभिहतोदकाः । 63 मलयप्रभवौ याश्च तासामम्भोऽमृतोपमम् ॥ ६४ ॥

#### River water

The rivers which pass in a strong current through stones and those whose source is in the Malaya mountain—their water is like ambrosia.

पश्चिमाभिमुखा याश्च पथ्यास्ता निर्मलोदकाः । 64 प्रायो मृदुवहा गुन्यों याश्च पूर्वसमुद्रगाः ॥ ६५ ॥ 65 पारिजात्रभवा याश्च विन्ध्यसह्यभवाश्च याः । शिरोहद्रोगकुप्ठानां हेतवः श्लीपदस्य च ॥ ६६ ॥

The rivers which flow towards the west generally carry clean water. Those flowing towards the sea of the east are generally of slow current and their water is heavy. Rivers originating from Parijātra, Vindhya and Sahya mountains carry water which causes siraroga (diseases of head), hrdroga (diseases of heart), kuṣṭha (obstinate skin diseases including leprosy) and ślīpada (filariasis).

66 वन्द्रार्ककरसस्पृष्ट वायुना स्फालित च यत् ।
पर्वतोपरि यद्वारि सम पौरंदरेण तत्' ॥ ६७ ॥
[माधवद्रव्यगुण. तोयवर्ग १५ १८-२३]

The water at the top of a mountain which is exposed to the rays of the sun and the moon, and strong currents of wind is like ambrosia (lit. suitable for Indra).

कीटमूत्रपुरीषाण्डशावकादिप्रदूषितम् ।
तृणपर्णोत्करैर्युं क्तं कलुषं विषदूषितम् ।। ६८ ।।
योऽवगाहेत वर्षासु पिवेद्वापि नव जलम् ।
वाह्याम्यन्तरतोरोगान् लभतेऽसौ न संशयः ।। ६८ ।।

#### Polluted water

The water which is mixed with the urine, stool, egg or embryo of insects, grass, leaves and poisons, and which is freshly collected on the ground should not be used either for a bath or for drinking. By doing so, the person falls a victim to a number of diseases—both external and internal. There is no doubt about it.

<sup>68</sup> 'मूर्च्छापित्तोष्मदाहेषु विषे रक्ते मदात्यये ।

भ्रमे श्रमे विदग्घेऽन्ते तमके वमयोः तथा । अर्ध्वगे रक्तपित्ते च शीतमम्भः प्रशम्यते ॥ ७० ॥

#### Cold water

Cold water is useful in mūrchā (fainting), vitiation of pitta, usmā (excessive hot feeling), dāha (burning syndrome), viṣa (poisoning), vitiation of blood, madātyaya (alcoholism), bhrama (giddiness), śrama (physical fatigue), after digestion of food, in tamaka (asthma), vami (vomiting) and in urdhvaga rakta pitta (bleeding through various orifices in the head).

### ग्रथ तन्निषेधः

पार्श्वशूले प्रतिश्याये वातरोगे गलग्रहे।
ग्राध्मानं स्तिमिने कोष्ठे सद्यःशुद्धौ नवज्वरे ॥ ७१ ॥
७०
ग्रहचिग्रहणीगुल्मश्वासकासेषु विद्रघौ ।
७१ ॥
७०
गर्भ हिक्काया स्नेहपीने च शीताम्बु परिवर्जयेत् ॥ ७२ ॥

#### **Prohibition**

Cold water should not be used in pārśva śūla (pain in the sides of the chest), pratiśyāya (cold), diseases of vāyu, gala graha (obstruction in the throat), ādhmāna (flatulence), stimita koṣṭha (absence of peristaltic movement in the intestine), sadya śuddhi (immediately after the purification therapy), nava jvara (beginning stage of fever), aruci (anorexia), grahaṇī (sprue syndrome), gulma (phantom tumour), śvāsa (asthma), kāsa (bronchitis), vidradhi (abscess), hikkā (hiccup) and snehapāna (immediately after oleation therapy).

गृह्य स्वारोचके प्रतिश्याये प्रसेके श्वययो क्षये । गृह्य मंदाग्नावुदरे कुष्ठे ज्वरे नेत्रामये तथा ॥ ७३ ॥ गृह्य प्राप्त च मधुमेहे च पानीयं मन्दमाचरेत् ।

In arocaka (anorexia), pratiśyāya (cold), praseka (saliva-

tion), śvayathu (oedema), kṣaya (consumption), agnimāndya (indigestion), udara (obstinate abdominal diseases including ascitis), kuṣṭha (obstinate skin diseases including leprosy), jvara (fever), netrāmaya (eye disease), vraṇa (ulcer) and madhumeha (diabetes mellitus) one should take less quantity of water.

जीवनं जीविनां जीवो जगत्सर्वं तु तन्मयम् । 75 76 अतोऽत्यन्नं नृपायां ज्ञैनं क्वचिद्वारि वार्यते' ॥ ७४ ॥

[भावप्रकाशः वारिवर्ग १३: ७०-७४]

'तृषितो मोहमायाति मोहात्त्राणान्विमुङ्चिति । 77 78 अतः सर्वास्ववस्थासु न क्वचिद्वारि वार्यते ॥ ७५ ॥'

[भावप्रकाशः वारिवर्ग १३: ७६]

Water is the life of all living creatures and the entire world is pervaded by water. Therefore, when a person is extremely thirsty then giving water is not prohibited. If water is not given, then the thirsty person becomes unconscious and succumbs to death. Therefore in all circumstances water is never prohibited.

79 'यत्क्वाथ्यमानं निर्वेगं निःफेनं निर्मलं भवेत्।' [माधवद्रव्यगुणः तोयवर्गं १५: ४१]

तत्तोयं दोषहृत्सर्वं दीपनं पाचनं लघु ।

### **Boiled** water

The water which is boiled and when the boiling is over and the foam subsides, it is cleaned, then it alleviates all the doşas. It is digestive stimulant, carminative and light.

तस्पादहीनं वातघ्नमद्धेहीनं तु पित्तनुत् ॥ ७६ ॥ [माधवद्रव्यगुणः तोयवर्ग १४ : ४२]

त्रिपादहीनं श्लेष्मघ्नं संग्राह्यग्निप्रदं लघु ।

When it is reduced to three-fourth after boiling, it alleviates  $v\bar{a}yu$ . When it is reduced to half by boiling, it alleviates pitta. When it is reduced to one-fourth after boiling, it alleviates kapha and it becomes constipative, digestive stimulant and light.

'ग्रहीविजाटं यत्तीयं तद्ष्यादिकमुच्यते ॥ ७७॥
[माघवद्रव्यगुणः तोयवर्ग १५: ४१]
उष्णोदक सदा पथ्यं श्वासकामज्वरातिजित् ।
कफवातामदोपघ्नं पित्तघ्न वस्तिशोधनम्॥ ७८॥
'भिनत्ति श्लेष्मसंघातं माघ्तं चापकर्षति' ।
83
ग्रजीणं जरयत्याशु पीतमुष्णोदकं निधि' ॥ ७६॥

#### Hot water

The water which is reduced to half after boiling and which is hot is called usnodaka. This hot water is always wholesome and it cures  $sv\bar{a}sa$  (asthma),  $k\bar{a}sa$  (bronchitis), jvara (fever), aggravation of kapha and  $v\bar{a}yu$ ,  $\bar{a}ma$  and aggravation of pitta. It cleanses the urinary bladder and gets detached the adhered kapha. It helps in the elimination of  $v\bar{a}yu$ . When hot water is taken at night, it removes indigestion.

पादशेषं तु तत्तोयं **श्रारोग्याम्बु** तदुच्यते । श्रारोग्यम्बु सदा पथ्यं श्वासकासकफापहम् ॥ ८० ॥ सद्यो ज्वरहरं भेदी दीपनं पाचनं लघु । 84 श्रानाहपांडुगूलार्शो—गुल्मशोथोदरापहम् ॥ ८१ ॥

# Ārogyāmbu

When the water is boiled and reduced to one-fourth, it is called  $\bar{a}rogy\bar{a}mbu$  (healthy water). It is always wholesome. It cures  $\dot{s}v\bar{a}sa$  (asthma),  $k\bar{a}sa$  (bronchitis) and aggravation of kapha. It instantaneously reduces fever. It is purgative, digestive

stimulant, carminative and light. It cures ānāha (flatulence), pāṇḍu (anemia), śūla (colic pain), arśas (piles), gulma (phantom tumour), śotha (oedema) and udara (obstinate abdominal diseases including ascitis).

उटणं तदग्निजननं लघ्वलं वस्तिशोधनम्।
पार्श्वरुक् पीतं साध्मानं हिक्कानिलकफापहम्।।८२॥
गर्सतं तृष्णामशूलेषु तदशुद्धौ नवज्वरे ।

When the ārogyānibu is hot, it stimulates digestive power. It is extremely light. It cleanses the urinary bladder. It cures parśvaruk (pain in the sides of the chest), adhmāna (flatulence), hikkā (hiccup) and aggravation of vāyu and kapha. It is useful in tṛṣā (morbid thirst), āma, śūla (colic pain), aṣuddhi (when the purificatory therapy has not acted properly) and nava jvara (beginning stage of fever).

दाहातीसारिपत्तासृक्—मूच्छीमद्यविषातिषु ॥ ६३ ॥
कफजे वातजे रोगे तृष्णाछिदिश्रमादिषु ।
86
'मद्यपानसमुद्भूते रोगे पित्तोच्छिते तथा ।
87
सन्निपातसमुद्थे च शृतं शीतं प्रशस्यते ॥' ६४ ॥

[माधवद्रव्यगुणः तोयवर्ग १५ : ३३-३४]

When the ārogyāmbu becomes cold, it is called śrta śīta. This cold water is useful in dāha (burning syndrome), atisāra (diarrhoea), vitiation of pitta and blood, mūrcchā (fainting), madya (alcoholism), visa (poisoning), diseases caused by kapha and vāyu, tṛṣṇā (morbid thirst), chardi (vomiting), bhrama (giddiness), diseases caused by excessive intake of alcohol, excessive vitiation of pitta and sannipāta (when all the three doṣas are vitiated simultaneously).

श्वताम्बु तत् त्रिदोषध्नं यदन्तर्वाष्पशीतलम् । अरूक्षमनभिष्यन्दि कृमितृट्ज्वरहृल्लघु । The boiled water which is cooled along with its steam alleviates all the three dosas. It is not un-unctuous and it does not obstruct the channels of circulation. It cures kṛmi (parasitic infection), tṛṭ (morbid thirst) and jvara (fever). It is light.

'घाराञ्चोतेन विष्टम्भी दुर्जरं पवनाहनम् ॥' ६५ ॥ [माघवद्रव्यगृणः तोयवर्ग १५ : ४३]

When the boiled water is cooled by pouring over another container, it becomes constipative and difficult of digestion because during this process the water comes in contact with a lot of air.

'दिवाश्यतं तु यत्तोयं रात्रौ तद् गुरुतां व्रजेत्। 89 रात्रौ श्यतं दिवा तद्वद्गुरुत्वमधिगच्छति ॥' ८६॥ [माधवद्रव्यगुणः तोयवर्ग १५: ४४]

If the water is boiled during the day time and kept overnight, it becomes heavy. Similarly, if water is boiled at night and kept till the day time, then it becomes heavy.

> पानीयं न तु पानीय पानीयेऽन्यप्रदेशजे। श्रजीर्णे क्विथतं चामे पक्वे जीर्णे च नेतरत् ॥ ८७॥

Water of another place should not be taken when there is indigestion and formation of  $\bar{a}ma$ . It should be taken only when it is properly boiled and not otherwise.

'म्निग्घ म्वादु हिम हृद्यं दीपनं वस्तिशोधनम्। 90 रक्तपिनपिपामाघ्न नालिकेरोदकं गरु ।

### Coconut water

The water of tender coconuts is unctuous, delicious, cooling, cardiac tonic and digestive stimulant. It cleanses the urinary bladder and cures raktapitta (a disease characterised by bleeding from different parts of the body) and pipāsā

(morbid thirst). It is heavy.

तदेव जीर्ण विष्टम्भि गुरु पित्तकरं स्मृतम् ॥' ८८ ॥
[माधवद्रव्यगुणः तोयवर्ग १५: ४६-५०]

The water of the matured coconut causes wind formation in stomach. It is heavy and it aggravates pitta.

भक्तादौ सलिलं पीतं कासमन्दाग्निदोषकृत् । मध्ये तु दीपनं श्रोष्ठमन्ते स्थौल्यकरं परम् ॥ ८६॥

### Time of taking water

Water taken before eating food causes  $k\bar{a}sa$  (bronchitis) and  $agnim\bar{a}ndya$  (suppression of the power of digestion). When it is taken during the process of eating, it stimulates the power of digestion. If, however, it is taken after the completion of the process of eating, then it causes sthaulya (adiposity).

अजीर्णे भेषजं वारि जीर्णेऽन्ने च बलप्रदम् । अमृतं भोजनार्द्धे तु भोजनोपरि तद्विषम् ।। ६० ।।

If there is indigestion water works as a medicine. When there is proper digestion, intake of water promotes strength. When taken in the middle of a meal it works like ambrosia and when taken after a meal, water works like a poison.

> ''ग्रत्यम्बुपानान्न विपच्यतेऽन्नमनम्बुपानाच्च स एव दोष: । ११ तस्मान्नरो विह्निविवर्धनाय मुहुर्मुहुर्वारि पिवेदभूरि ॥६१॥''

> > [माधवद्रव्यगुणः तोयवर्ग १५: ५३]

If water is taken in excess or if water is not taken at all, then it hampers the process of digestion. Therefore with a view to promoting the power of digestion, a person should take small quantities of water very frequently.

यत्तु व्यापन्नं [तत्] न ग्राह्मम् ॥ ६२॥

## Water pollution

Polluted water should not be used.

## तस्य लक्षगानि-

92 'यत्पंकर्गवालतृणपद्मपत्रप्रभृतिभिरवच्छन्नं रविशशि-

किरणानिलैर्नाभिजुष्टं गन्धवर्णरसोपसृष्टं तद् व्यापन्नम्' ॥६३॥ [सुश्रुतःसूत्र ४५: ११]

The signs and symptoms of polluted water are as below:

The water which is mixed with mud, moss, grass, lotus leaf etc., which is not exposed to the rays of the sun and the moon and wind and which has manifested smell, colour and taste, is called polluted.

ग्रनार्त्तवं वार्षिकमि प्रथमं तच्च भूमिगम् । व्याप-मिति जानीयात्सर्वदोषप्रकोपणम् ॥ ६४॥

The water collected of unseasonal rain or the water collected from the ground immediately after rain is also polluted. It aggravates all the dosas.

'तस्य स्पर्शरूपरसगन्धवीयंविपाकदोषाः संभवन्ति ।
तत्र खरता पैच्छित्यमौष्ण्य दन्तग्राहिता च स्पर्शदोषाः ।
पकसिकताशैवालवहुवर्णता रूपदोषाः ।

Polluted water has defects of touch, colour, taste, smell, vīrya (potency) and vipāka (taste after digestion).

Roughness, sliminess, heat and sticking to teeth—these are the defects in touch. The appearance of mud, sand and moss, and variegated colour are the defects in colour.

> व्यक्तरसता रसदोषः । ग्रनिष्टगन्धता गन्धदोषः । यदुप-श्रुक्तं चिराद्विपच्यते तृष्णागौरवशूलकफप्रसेकानापाद-यति सवीर्यदोषः। यदुपयुक्तं चिराद्विपच्यते विष्टंभयति

वाशनं [स विपाकदोप इति] । यस्तु व्यापन्नं पिवति
स नानाविकारानाप्नोति ॥ ६५ ॥

Manifestation of taste is the defect in taste.

The presence of a foul smell is the defect in smell.

When water is taken, if it gets digested after a long time and if it produces thirst, heaviness, colic pain and slivation, then these are the defects in potency.

If water gets digested very late and causes fermentation of the food, then it should be determined that the water has the defect of *vipāka*.

A person who takes defective water succumbs to many diseases.

सप्त कलुपस्य प्रसादनानि भवन्ति —कतकगोमेदविसग्रनिथरोवालमूलवस्त्राणि मुक्तामणिश्चेति ॥
शीतलीकरणानि प्रवातस्थापनमुदकप्रक्षेपणं यष्टिकाभ्रामणम् वीजनं वस्त्रोद्धरण च वालुकाप्रक्षेपणम्
96
शिक्यावलम्बनं चेति ॥ ६६ ॥

[सुश्रुतः सूत्र ४४ : ११, १७, १६]

Water pollution can be corrected by seven items, viz., (1) kataka, (2) gomeda, (3) visa granthi, (4) śaivāla mūla, (5) vastra (cloth), (6) muktā (pearl) and (7) maṇi (jewel).

For cooling the water, the container should be kept in an airy place, water should be cooled over the container, the water should be stirred with the help of a stick, it should be fanned, the container should be covered with a piece of cloth, sand should be poured over water and the container should be kept hanging on a sikya.

पादावशेषं सलिलं ग्रीप्मे शर्राद शस्यते।' हिमेर्ज्युं शेष शिशिरे तथा वर्षावमन्तयोः ॥ ६७ ॥

#### Boiling in different seasons

During summer and autumn seasons, water which is boiled and reduced to one-fourth is useful. During the remaining seasons, viz., hemanta (early winter), sisira (later part of winter), rainy season and spring season, water boiled and reduced to half is useful.

# कश्चित्तु :

वसुगन्धेषु वाणेषु वेदेषु त्रिषु पक्षयोः । एकभागावशेष स्यादम्बु वर्षादिषु कमात् ॥ ६८ ॥

#### Another view

During the rainy season, autumn, hemanta (early winter), sisira (later part of winter), spring and summer, water to be used should be boiled and reduced to 6/8 (vasu), 5/8 (vāṇa), 4/8 (veda), 3/8 (tri), 2/8 (pakṣa) and 1/8 (ekabhāga) respectively.

अत्र यथा दोषाणां हीनता प्रौढता तथा व्यवस्था कल्पनीया ॥ ६६ ॥

In this context, however; the exact nature of processing should be determined on the basis of the diminution and aggravation of the doşas.

### अथ निर्देखिकरणानि :

व्यापन्नमिप पानीय क्वथितं सूर्यतापितम् । सुवर्ण रजन लोह पापाणं सिकता मृदम् ।। १०० ।। भृश संताप्य निर्वाप्य सप्तधा साधितं तथा । कर्पूरजातीपुन्नागपाटलादिषु वासितम् ।। १०१ ॥ १०० ॥ 236 Materia Medica

### Removal of pollution

For the removal of pollution, the boiled water should be exposed to the sun's rays and in this water hot pieces of gold, silver, iron, stone, sand or clod of earth should be immersed seven times. To this water fragrant things like karpūra, jātī, punnāga, pāṭalā etc. should be added. This should then be filtered with the help of a clean and compact piece of cloth. It should be protected from small insects. In the vessel containing this clean water, kataka, pearl etc. should be added. This process corrects pollution.

आमं जलं जीर्येति याममात्रं तदर्द्धमात्रं श्रुतशीतलं च। तदर्धमात्रं तु श्रुतं कदुष्णं पयः प्रपाके त्रय एव कालाः ॥१०३॥

### Time taken for digestion

Unboiled water gets digested in one yāma (three hours). The water which is boiled and cooled takes one and a half hours for digestion. The water which is boiled and warm gets digested in forty five minutes. These are the three different times for digestion of water.

### ।। इति वारिवर्गः ।।

Thus end the groups dealing with different types of water.

### NOTES AND REFERENCES

- 1. द्रष्टव्यम् भावप्रकाशः वारिवर्ग 13:2।
- 2. चतुर्घा इति द्वितीयपुस्तके पाठः ।
- 3. यावत्पित इति द्वितीयपुस्तके पाठः ।
- 4. नो इति द्वितीय पुस्तके पाठ:।
- आकाशगङ्गासम्बन्धि इति भ्राकरे पाठः।

- 6. प्रायो वर्षति वारिदः इति ग्राकरे पाठः ।
- 7. सर्वथा इति स्राकरे पाठ.।
- 8. तथैव इति स्नाकरे पाठः ।
- 9. स्थापिते इति म्राकरे पाठः ।
- 10. द्रष्टव्यम् भावप्रकाशः वारिवर्ग 13: 14।
- 11. दिव्यमण्याञ्चिनं विना इति ग्राकरे पाठः।
- 12. दिव्यवाय्विनसंयोगात्मंहताः इति स्राकरे पाठः ।
- 13. पाषाणखण्डवच्चापस्ताः इति आकरे पाठः।
- 14. करकाजं इति स्राकरे पाठः ।
- 15. दारुणं इति ग्राकरे पाठ: ।
- 16. श्रपि नद्याः इति श्राकरे पाठः ।
- 17. वह्निरापस्तदुद्भवाः इति ग्राकरे पाठः ।
- 18. रापञ्चतद्भवाः इति द्वितीय पुस्तके पाठः ।
- 19. नाः इति आकरे पाठः ।
- 20 स्मृताः इति आकरे पाठः ।
- 21. नुपाराम्बु हिमं रूक्षं स्यादुवातलिपत्तलम् इति स्राकरे पाठः ।
- 22. कफोरुस्तम्भकण्ठाग्निमेहगण्डादिरोगनुत् इति स्राकरे पाठः।
- 23. हिमाम्बु शीतं पित्तघ्नं गुरु वातविवर्द्धनम् इति ग्राकरे पाठः।
- 24. और्वानलधुमेरितमम्ब इति म्राकरे पाठः ।
- 25. कथ्यते सद्भिः इति ग्राकरे पाठः ।
- 26. द्रष्टव्यम् भावप्रकाशः वारिवर्गं 13: 24।
- 27. द्वेविघ्यमायातम् इति द्वितीयपुस्तके पाठः ।
- 28. दोषगुणान्वितम् इति श्राकरे पाठः ।
- 29. घनं इति आकरे पाठः।
- 30. विह्नाहत्कफकृद्हृद्य इति ग्राकरे पाठः।
- 31. रोचनं तृष्णादाहदोषत्रयप्रणुत् इति म्राकरे आकरे पाठ:।
- 32. कफपित्तनुत् इति श्राकरे पाठः ।
- 33. वदन्तीति महर्षयः इति माकरे पाठः।
- 34. करः इति भाकरे पाठः।

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35. स तु प्रस्नवणश्चापि तत्रत्यं नैभरं जलम् इति म्राकरे पाठः।

- स्यादिपत्तलम् इति स्राकरे पाठः ।
   च न पित्तकृत् इति षष्ठपुस्तके पाठः ।
- 37. बद्धम् त्रवलं इति षष्ठपुस्तके पाठः ।
- 38. स्याद्यचन्द्रक्षंगेरवौ इति द्वितीयपुस्तके पाठः।
- 39. स्वाद्पाकि इति षप्ठपुस्तके पाठः।
- 40. कफकरं इति षष्ठपूस्तके पाठः।
- 41. द्रष्टव्यम् भावप्रकाश वारिवर्ग १३ : ४६-४८ ।
- 42. केदारः इति म्राकरे पाठः।
- 43. स्मृतम् इति म्राकरे पाठः ।
- 44. भूमिस्थमहितं इति ग्राकरे पाठः ।
- 44 तोयं इति ग्राकरे पाठः ।
- 46. वाहित स्मृतम् इति ग्राकरे पाठः।
- 47. हेमन्ते विहितं तोयं शिशिरेऽपि प्रशस्यते इति ग्राकरे पाठः ।
- 48. कौप इति ग्राकरे पाठः।
- 49. विषवद्वनवृक्षाणां पत्राद्यैर्द् षित यतः इति ग्राकरे पाठः ।
- 50. श्रौदिभदं वाऽज्तरीक्षं वा कौपं वा प्रावृषि स्मृतम् इति स्राकरे पाठ: ।
- 51. रविकरैर्जुष्टं इति ग्राकरे पाठः ।
- 52. स्वच्छमुदयादगस्त्यस्याखिलं इति श्राकरे पाठः ।
- 53. फालगुणे इति द्वितीयपुस्तके पाठः ।
- 54. चौञ्ज्यं इति आकरे पाठः ।
- 55. तथोद्भिदम् इति आकरे पाठः।
- 56. चौञ्ज्यमेव इति आकरे पाठः।
- 57. जलमात्रं इति आकरे पाठः।
- 58. शीतत्वं इति आकरे पाठ: ।
- 59. मतोगुणः इति आकरे पाठः।
- 60. अत्यम्बुपानान्नविपच्यतेऽन्नं निरम्बुपानाच्च इति आकरे पाठः।
- 61. विह्नविवर्धनाय इति द्वितीयपुस्तके पाठः ।
- 62. पाषाणविच्छिन्ना क्षुभिताभिहतोदकाः इति आकरे पाठः ।

- 63. मलयप्रभवाः याश्च इति आकरे पाठः ।
- 64. मृदुरवहा इति पष्ठपृस्तके पाठः ।
- 65. पारियात्रभवा इति आकरे च षष्ठपुस्तकयोः पाठः ।
- 66. चन्द्रार्कं करसंस्पृष्टं इति आकरे पाठः ।
- 67. मूह: इति आकरे पाठ: ।
- 68 मुच्छापिनोप्णदाहेपु इति आकरे पाठः।
- 69 लघु ग्रहे इति आदर्शपृह्तिकासु पाठः ।
- 70 ब्रहचिश्रहणीग्लमश्वासकासे च इति पप्ठपुस्तके पाठः।
- 71. स्नेहपाने च इति आकरे पाठः ।
- 72. मन्देजनौ जठरे इति आकरे पाठः ।
- 73. मुखप्रसेके जठरे कुष्ठे नेत्रामये ज्वरे इति आकरे पाठ:।
- 74. पिवेत्पानीयमलपक्म् इति आकरे पाठ.।
- 75. नातोऽत्यन्तनिषेधे न कदाचिद्वारि वार्यते इति आकरे पाठः ।
- 76. मुधासु इति आदर्श पुन्तकेसु पाठः । तथा इति द्वितीयपुस्तके पाठः ।
- 77. तृपितो.....वार्यते पाठोऽयं पष्ठपुस्तके नोपलभ्यते ।
- 78. वारयेत् इति आकरे पाठः।
- 79. तत्क्वाथ्यमानं इति आदर्शपुस्तिकासु पाठः ।
- 80. च यत् इति आकरे पाठः ।
- 81. वातघ्नमर्घहीनं इति द्विनीयपुस्नके पाठः। वातघ्नमर्घहीन च पित्तजित इति आकरे पाठः।
- 82. भवति इति आकरे पाठः ।
- 83. द्रष्टव्यम् माधवद्रव्यगुणः तोयवर्ग १५: ३२-३३ ।
- 84 आनाहपाड्शोफार्शो इति षष्ठपूस्तके पाठः ।
- 85. लघवं इति षष्ठपुस्तके पाठः।
- 86. पित्तोत्थितं इति षष्ठपुस्तके पाठः ।
- 87. हितं पयः इति आकरे प ठः।
- 88 श्वतशीतं त्रिदोषघ्न बाष्पान्तर्भाविशीतलम् इति आकरे पाठ.।
- 89. तु दिवसे गुरुत्वमधिगच्छति इति आकरे पाठः ।
- 90. वृत्तं पित्तपिपासघ्नं इति द्वितीयपुस्तके पाठः । वृष्यं पित्तपिपासघ्नं इति आकरे पाठः ।

- 92. हठ इति आकरे अधिकं पाठः।
- 93. षट् इति आकरे अधिकं पाठः।
- 94. स्पर्शदोष: इति आकरे पाठ: ।
- 95. पाठोऽयं सुश्रुते नोपलभ्यते ।
- 96. वसुप्यङ्गेष् इति दितीयपुस्तके पाठः ।
- 97. क्षुद्रजन्तुविवर्जितं इति षष्ठपुस्तके पाठ: ।
- 98. कनकमुद्गाद्यैः इति षष्ठपूस्तके पाठः ।
- 99. दोषापगं इति द्वितीयपुस्तके पाठः ।

#### CHAPTER 15

रक्तशालिस्त्रिदोषघ्नश्चक्षुत्यः शुक्रमूत्रलं । तृष्णौजोबलकृत्स्वर्यो हृद्यस्तदन् चापरम् ॥१॥

Rakta šāli (Oriza sativa Linn.)

The red variety of śāli rice alleviates all the three doṣas. It promotes eyesight and semen. It is diuretic. It causes thirst and promotes ojas, strength and voice. It is a cardiac tonic.

शीतो लघुस्त्रिदोषघ्नो मधुरो गौरषष्टिकः ।
Gaura sastika (a variety of Oriza sativa Linn.)

The white variety of sastika rice is cooling and light. It alleviates all the three dosas and it is sweet.

। किञ्चिद्धीनो गुरुस्तस्मादपरो रसपाकतः ॥ २ ॥

There is another variety of it which is slightly inferior in taste and *vipāka* and which is heavier than the former.

नहाज्ञालि: परं वृष्यः कलमः श्लेष्मिपसहा ।

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#### Mahā śāli and Kalama

Mahā śāli type of rice is exceedingly aphrodisiac. Kalama variety of rice alleviates kapha and pitta.

मघुरश्चाम्लपाकश्च त्रीहिः पित्तकरो गुरुः ॥ ३ ॥
Vrīhi (a variety of Oryza sativa Linn.)

The vrīhi type of rice is sweet. It produces acidity during digestion. It aggravates pitta and is heavy.

ग्रत्युष्णो बह्वभिष्यन्दि **पाटल**स्तु त्रिदोपकृत् ।

### Pāţala

The pāṭala type of rice is very hot and is exceedingly abhisyandi (which obstructs the channels of circulation). It aggravates all the three doṣas.

वापितं गुरु तद्धान्यं किञ्चिद्धीनमवापितम् । रोपितं तुनवं वृष्यं पुराणं च लघु स्मृतम् ॥ ४॥

### Sowing and transplantation

The rice which is cultivated by sowing is heavy; otherwise it is slightly inferior in quality. The rice which is cultivated by transplantation is aphrodisiac when freshly harvested. When preserved for a long time, it becomes light.

3 दग्धीयामवनौ जाताः शालयो लघुपाकिनः । 4 5 कषाया बद्धविण्मूत्राः रूक्षा श्लेष्मापकर्षणः ॥ ५ ॥

#### Cultivation

The *śāli* rice which is cultivated in a forest land after setting fire to the vegetation is light for digestion. It is astringent. It causes retention of stool and urine. It is un-unctuous and alleviator of *kapha*.

स्थलजाः कफपित्तघ्नाः कषायाः कटुकान्विताः।

ा किञ्चित्सितक्तमधुरा पवनानलवर्द्धनाः ॥६॥

The śāli rice which is cultivated on plain ground alleviates kapha and pitta. It is astringent, pungent, slightly bitter and sweet. It aggravates vāyu and stimulates the power of digestion.

के**दा**रा मधुरा वृष्या वल्याः पित्तनिवर्हणाः । ४ ईषत्कषायालपमला गुरवः कफणुक्रलाः ॥ ७॥

The rice which is cultivated in the rice field is sweet, appropriate, strength promoting and alleviator of pitta. It is slightly astringent and it produces less excreta. It is heavy. It produces more of kapha and semen.

रोप्यातिरोप्या लघवः शीघ्रपाका गुणोत्तराः । १ प्रदाहिनो दोषहरा बल्या मूत्रविवर्धनाः ॥ ८॥

The rice which is cultivated by repeated transplantation is light. It gets digested easily and is superior in quality. It does not cause burning sensation. It alleviates dosas. It promotes strength. It is diuretic.

शालयः छिन्नरूढा ये रूक्षास्ते बद्धवर्चसः ।

तिक्ताः कषायाः पितघ्नाः लघुपाकाः कफापहाः ॥६॥

[माधवद्रव्यगुणः शालिवर्ग १६: १ ६]

The rice which is grown after cutting the plant, is ununctuous. It causes retention of stool. It is bitter and astringent. It alleviates pitta. It is light for digestion. It also alleviates kapha.

### ॥ इति शालयः ॥

Thus ends the group dealing with various types of rice.

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#### NOTES AND REFERENCES

- 1. रसस्तस्मादपरो इति षष्ठपुस्तके पाठः।
- 2. कमलः इति द्वितीयपुस्तके पाठः ।
- 3. दग्धायामवनौ इति आकरे द्वितीयपुस्तके च पाठः ।
- 4. बद्धविण्मुत्रा इति आकरे पाठः।
- 5. रूक्षाः इति बाकरे पाठः।
- 6. कटुकाश्रयाः इति आकरे पाठः।
- 7. पवनानलवर्षना इति द्वितीयपुस्तके पाठः।
- 8. ईषत्कषायाल्पवला इति षष्ठपुस्तके पाठः।
- 9. विदाहिनो इति आकरे पाठः।

#### CHAPTER 16

श्यामाकः शोषणो रूक्षो वातनः श्लेष्मिपत्तहा।

Syāmāka (Echinochloa frumentacea Linn.)

Śyāmāka is śoṣaṇa (drying) and un-unctuous. It aggravates vāta and alleviates kapha and pitta.

ा तहत् प्रियंगुनीवारकोरदषाः प्रकीर्तिता ॥ १ ॥

Priyangu (Setaria italica Beauv.), Nīvāra (a type of paddy) & Koradūṣā (Paspalum scorbiculatum Linn.)

Priyangu, nīvāra and koradūsa share the properties of syāmāka.

रूक्षः शीतो गुरुः स्वादुः सरो विद्वातकृद्यवः । वृट्यः स्थैर्यकरो मूत्रमेदःपित्तकफान् जयेत् ॥ २ ॥ 2 पीनसम्वासकासोरुस्तम्भकंठामृगामयान् ।

### Yava (Hordeum vulgare Linn.)

Yava is un-unctuous, cooling, heavy, sweet, laxative, producer of more of stool and flatus and aphrodisiac. It

produces sthairya (steadiness) and reduces urine, fat, pitta and kapha. It cures pīnasa (chronic rhinitis), śvāsa (asthma), kāsa (bronchitis), urustambha (which produces immobility of thigh) and diseases of the throat and blood.

#### 3 4 न्यूनो यवादनुयवो रूक्षोप्णो वंशजो यवः ॥ ३॥

### Anuyava & Vanisaja yava

The anuyava is slightly inferior in quality in comparison to yava. The yava (fruit) of vanisa (bamboo) is un-unctuous and hot.

<sup>5</sup> वृष्यशीतो गुरुः स्निग्घो जीवनो वातपित्तहा । 6 संधानकारी मघुरो **गोधूमः** स्थैर्यकृत्सरः ॥'४॥

[माधवद्रव्यगुणः कुधान्यवर्गे १७ : २-५]

# Godhüma (Triticum aestivum Linn.)

Godhūma (wheat) is aphrodisiac, cooling, heavy, unctuous and life giver. It alleviates vāta and pitta, and helps in the union of broken tissues. It is sweet. It produces steadiness. It is also a laxative.

गोघूम उक्तो मधुरो गुरुश्च बल्यः स्थिरः शुक्रशिचप्रदश्च ।
स्निग्धो [शीतश्चा] निलिपत्तहारी सवातकृत् [?] श्लेष्मकरः सरश्च ॥५॥

#### Another view

Godhāma is sweet, heavy, promoter of strength, steadiness and semen, appetiser, unctuous and cold. It alleviates  $v\bar{a}yu$  and vitta and produces flatus ( $v\bar{a}ta$ ?) and kapha. It is laxative.

'ईषत्कषायो मधुरः सितक्तः सग्राहकः पित्तकरस्तथोष्णः । ७ तिलो विषाके मधुरो बलिष्ठ स्निग्धो व्रग्णालेपन पथ्य उक्तः ॥ ६॥ ९ दन्योऽग्निमेधाजननोऽल्पमूत्रस्त्वच्योऽथ केश्योऽनिलहा गुरुश्च ।

### Tila (Sesamum indicum Linn.)

Tila is slightly astringent, sweet, bitter, constipative, aggravator of pitta, hot, sweet in vipāka, promoter of strength and unctuous. It is useful for application over ulcers and for teeth. It is a promoter of digestive power and intellect. It reduces the quantity of urine. It is useful for the skin and the hair. It alleviates vāyu and is heavy.

ा० तिलेषु सर्वेष्वसितः प्रधानो मध्यः सितो हीनतरास्तथान्ये ॥ ७ ॥ [माधवद्रव्यगुणः कुधान्यवर्ग १७ : २-७], [सूश्रुतः सूत्र ४६ : ३६-४०]

Among the different types of tila, the black variety is the best, the white variety is middling and other varieties are inferior in quality.

कृष्णमुद्गा महामुद्गा गौरा हरितपीतकाः । इवेता रक्ताश्च निर्दिष्टा लघवः पूर्वपूर्वतः ॥ = ॥

Mudga (Phaseolus radiatus Linn.)

### Variety

Kṛṣṇa mudga, mahā mudga, white, green, yellow, white and red—these are the different varieties of mudga. The former ones are lighter than the latter ones.

मुश्रुतेन पुनः प्रोक्ता प्रधाना हरिता गुणैः ।

According to Suśruta, the green variety is the best among the mudgas.

कफिपत्तास्त्रजिन्मुद्गः कपायो मधुरो लघु । ग्राही शीतः कटुः पाके चक्षुप्यो नातिवातलः ॥ ६॥

### Property

Mudga alleviates kapha, pitta and blood. It is astringent, sweet, light, constipative, cooling and pungent in vipāka. It promotes eye sight and does not aggravate vāyu in excess.

12

प्रधानाचरितास्तद्वद्वसमुद्गाः समाः स्मृताः ।

#### Vanya mudga

Different varieties of vanya (wild variety) mudga share all the properties of cultivated varieties of mudga.

> 13 14 ससूरो मधुरो रुच्यः संग्राही कफपित्तहा ॥ १०॥

#### Masūra (Lens culinaris Medic.)

Masūra is sweet, appetiser and constipative. It alleviates kapha and pitta.

<sup>15</sup> रक्तपित्तज्वरोन्माथि शीतो ग्राही **मकुन्ठकः ।** 

#### Makustha (Phaseolus aconitifolius Jacq.)

Makusthaka alleviates rakta pitta (a disease characterised by bleeding from different parts of the body) and jvara (fever). It is constipative.

कफासृक् पित्तपुस्तवध्नाद्वणका वातला हिमाः ॥११॥ [मानवद्रव्यगुणः शिम्बिधान्यवर्ग १६-१-५]

### Canaka (Cicer arietinum Linn)

Canaka alleviates kupha, blood and pitta. It causes impotency and aggravates vāyu. It is cooling.

हरेणवः सतीनाश्च विज्ञेया बद्धवर्चसः । [सुश्रुतः सूत्र ४६ : ३३]

#### Harenu & Satīna (Pisum arvens Linn. & Pisum sativum Linu.)

Harenu and satina cause constipation.

16 17 आढक्य कफिपत्तघ्न्यः कषायाश्चातिवात्तलाः ॥ १२ ॥ ता एव घृतसंयुक्तास्त्रिदोषशमनाः मता (

### Adhaki (Cajanus cajan Milisp.)

Adhakī alleviates kapha and pitta. It is astringent. It aggravates vāyu in excess. When added with ghee, it alleviates all the three dosas.

उष्णः कुलत्थो रसतः कवायः कटुविपाके कफमारुतघनः ॥१३॥

### Kulattha (Dolichos biflorus Linn.)

Kulattha is hot, astringent in taste, pungent in vipāka and alleviator of kapha as well as vāyu.

18 शुक्राश्मरीगुल्मनिपूदनश्च संग्राहकः पीनसकासहन्ता । 19 ग्रानाहमेदोगुदकीलहिक्काश्वासापहः शोणितपित्तकुच्च ॥१४॥

It cures śukrāśmarī (stone in the seminal tract) and gulma (phantom tumour). It is constipative. It also cures pīnasa (chronic rhinitis), kāsa (bronchitis), ānāha (flatulence), medas (adiposity), guda kīla (piles), hikkā (hiccup) and śvāsa (asthma). It vitiates blood and pitta.

वलासहत्ता पवनामयघ्नो विशेषतो वन्यकुलत्यकम्तु ।

Vanya Kulattha

The wild variety of kulattha specifically alleviates kapha and cures diseases caused by vāyu.

रिनग्धोष्णो मधुरो वृष्यो मेदोमासकफप्रदः । वातनुद् बृंहणो बत्यो **माषो** बहुमलो गुरु. ॥'१५॥ [माधवद्रव्यगुण: शिम्बिधात्यवर्ग १८: १-६]

# Māṣa (Phaseolus mungo Linn.)

Māṣa is unctuous, hot, sweet and aphrodisiac. It produces more of fat, flesh and kapha. It alleviates vāyu, promotes nourishment and strength and produces more of stool. It is heavy.

21

'मापो गुर्शिम्नपुरीषमूत्रः स्निग्धो वृपण्यो मधुरोऽनिलघ्नः। 22 संतर्पेगाः स्तन्यकरो विशेषाद्वलप्रदः पित्तकफावहण्च ॥ १६ ॥

#### Another view

 $M\bar{a}$ sa is heavy, laxative, diuretic, unctuous, aphrodisiac, sweet, alleviator of  $v\bar{a}yu$ , refreshing and promoter of lactation. It has the specific property of promoting strength and aggravating pitta as well as kapha.

माषैः समानं फलमात्मगुप्तमुक्तं च काकाण्डफलं तथैव च।

The fruits of  $\bar{a}tmagupt\bar{a}$  and  $k\bar{a}k\bar{a}nda$  have properties similar to those of  $m\bar{a}sa$ .

23
अरण्यमाषा गुणतः प्रदिष्टा रूक्षाः कषायाश्च विदाहिनश्च'।।१७।।
[सुश्रुतः सूत्र ४६: ३४, ३६]

#### Aranya māşa

The wild variety of  $m\bar{a}sa$  is un-unctuous and astringent. It causes burning sensation.

'राजमाधः सरो रुच्यः कफशुक्राम्लिपत्तनुत्। सुस्वादुर्वातलो रूक्षः कषायो विशदो गुरुः।। १८।।

Rāja māsa (Vigna cylindrica Skeels)

Rāja māṣa is laxative and appetiser. It reduces kapha and semen, and cures amla pitta (hyper acidity in stomach). It is delicious, aggravator of vāyu, un-unctuous, astringent, viśada (non-slimy) and heavy.

गुरूष्ण स्निग्धमधुरं **काकाण्डं चात्मगुप्तजम्**। फलं वृष्यं च बल्यं च बृहणं वातजित्परम्।। १६।।

Kākāṇḍa (?) & Ātmaguptā (Mucuna pruriens DC.)

The fruits of kākāṇḍa and ātma guptā are heavy, hot,

unctuous, sweet, aphrodisiac, strength promoting and nourishing. They are excellent alleviators of vāyu.

24 25 स्निग्धा**तसी** स्वादुतिक्ता कफपित्तकरा गुरु: । दृक्शुऋहृत्कटु. पाके नद्वद्वीजं **क्सुम्भजम्** ॥ २०॥

Atasī & Kusumbha
(Linum usitatissimum Linn. & Carthamus tinctorius Linn.)

Atas $\bar{i}$  is unctuous, sweet, bitter, aggravator of kapha as well as pitta and heavy. It reduces eye sight and semen. It is pungent in  $vip\bar{a}ka$ .

Seed of kusumbha shares properties of atasī.

वातिपत्तकरा रूक्षा निष्पावाः श्लेष्मशोषणाः ।

Nispāva (Dolichos lablab Linn.)

Different types of  $nisp\bar{a}va$  are aggravaters of  $v\bar{a}yu$  and pitta and un-unctuous. They dry up kapha.

26 बलघ्नाः कफनाशिन्यो विरूक्षाः स्वादु शीतलाः।

विष्टम्भन्योऽग्निशमना निर्दिप्टा शि**बिजातयः** ॥२१॥

[माधवद्रव्यगुण: शिम्बिधान्यवर्ग १८ : १०-१३]

Śimbi (a. type of Dolichos lablab Linn.)

Different types of *simbi* reduce strength and alleviate *kapha*. They are exceedingly un-unctuous, sweet, cooling and constipative. They reduce the power of digestion.

१ह्छ: कपायो बलक्वद्विदाही बलासदृष्टिक्षयक्वत्कपाय: । 28 कटुर्विपाके मधुरस्य शिबः प्रभिन्नविण्मास्तपित्तलस्य ॥२२॥

Simba (a type of Dolichos lablab Linn.)

Simba is un-unctuous, astringent and promoter of

strength. It causes burning sensation and reduces kapha and eye sight. It is pungent in vipāka and sweet. It eliminates stool as well as vāyu and aggravates pitta.

29 30 सितासिताः पीतकरक्तवर्णाः भवन्ति येनेकरसाश्च शिबाः । 32 यथोदितास्तद्गुणतः प्रधाना ज्ञेयाः कटूष्णा रसपाकतश्च ॥२३॥'

[सुश्रुत: सूत्रस्थान ४६ : ४४-४६]

It has several varieties viz., white, black, yellow and red. They have different tastes but all of them share the properties described above. They are predominantly pungent in taste as well as vipāka and hot.

33 34 विदाहनन्त्यश्च भृशं च रूक्षा विष्टभ्यवीर्यमनिलप्रदाश्च । 35 सुदुर्जराश्चैवरुचिप्रदाश्च सर्वे स्मृता वैदलिकाश्च शिबाः ॥२४॥

[सुश्रुतः सूत्रस्थान ४६ : ४७-४८]

36 अनलक्लेष्मपित्तघ्नो बद्धविण्मूत्रवातलः

### Vaidalikas & Simbas

Pulses having dicotyledons and different type of simba—all produce burning sensation. They are exceedingly ununctuous and constipative. They aggravate  $v\bar{a}yu$  and are extremely difficult of digestion and are appetisers.

They reduce the power of digestion, alleviate kapha as well as pitta and cause retention of stool, urine and flatus.

'कफवातहरस्तीक्षणः सिद्धार्थो रक्तपित्तकृत् ॥ २५ ॥

स्निग्घोष्णः कृमिकुष्ठघ्नः कटुको रसपाकतः ।

#### Siddhārtha

Siddhārtha alleviates kapha and vāta. It is sharp. It causes raktapitta (a disease characterised by bleeding from different parts of the body). It is unctuous and hot. It cures kṛmi

(parasitic infection) and kustha (obstinate skin diseases including leprosy). It is pungent both in taste and vipāka.

तद्गुणा राजिका रुच्या तद्गुणोऽन्योऽपि सर्वपः ॥२६॥

Rājikā & Sarşapa (Brassica campestris Linn.)

Rājikā and sarṣapa share the properties of siddhārtha. In addition rājikā is an appetiser.

श्कधान्यं शिविधान्यं परिसंवत्सरोषितम् ।
लघुपथ्यतमं प्रोक्तं गुर्वपथ्यतमं नवम् ।
यद्यदागच्छति क्षिप्रं तत्तल्लघुनरं स्मृतम् ॥ २७॥

# Property in preservation

Sūka dhānya and simbi dhānya which are preserved for one year before use, are the lightest and most wholesome. Freshly harvested ones are heavy and extremely unwholesome. The earlier they ripen, the lighter they are.

यवगोधूममाषाश्च तिलक्ष्मापि नवा हिताः। 38 पुराणा विरसा रूक्षा न तथा बलकारिणः ॥' २८॥

[माधवद्रव्यगुणः शिम्बिधान्यवर्गे १८ : १४-१७]

Yava, godhūma, māṣa and tila are useful when they are freshly harvested. When preserved for a long time, they become tasteless and un-unctuous. They do not promote strength to the same extent as the fresh ones do.

विदाहि गुरु विष्टिम्भ विरूढं दृष्टिदूषणम् । [माभवद्रव्यगुणः शिम्बिधान्यवर्गे १८: १६]

#### Other defects

The germinated corns cause burning sensation. They are heavy and constipative. They cause impairment of eye sight.

ग्रनात्तंवं व्याधिकरमपर्यागतमेव च ॥ २६ ॥ ग्रभूमिजं नवं वापि न धान्यं गुणवत्स्मृतम् । नवं धान्यमभिष्यन्दि लघु संवत्सरोषितम् ॥ ३० ॥ [माधवद्रव्यगुणः शिम्बिधान्यवर्ग १८ : १८-१६]

Unseasonal and immature corns cause many diseases. Those which are not grown on the ground and which are freshly harvested do not possess the prescribed properties. Freshly harvested corns are abhisyandi (which obstruct the channels of circulation) and they become light after preservation for one year.

### ।। इति धान्यवर्गः ॥

Thus ends the group dealing with different type of corns.

#### NOTES AND REFERENCES

- तद्वच्च कगुनीवारकोरदूषाः इति आकरे पाठः ।
- 2 पीनसश्वासकासोरुस्तम्भकंठत्वगामयान् इति आकरे पाठः ।
- 3. यवादपयवो इति आकरे पाठः।
- 4. इक्षोऽम्लो इति आकरे पाठः।
- 5. वष्यः शीतो इति आकरे पाठः ।
- 6. संधानो बृंहणो बल्यो गोधूमः स्थैर्यकृत्परम् इति आकरे पाठः
- 7. तिक्तो इति आकरे पाठः ।
- 8. एव पथ्यः इति आकरे पाठः।
- दन्योऽग्निमेघा इति द्वितीयपुस्तके पाठः ।
   बलाऽग्निमेघा० इति स्राकरे पाठः ।
- 10. हीनतरास्तथाऽन्ये इति आकरे पाठः।
- 11. द्रष्टव्यम् सुश्रुतः सूत्र ४६ : २६ ।
- 12. प्रवानाहरिता मुद्गा वन्या मुद्गास्तु मुद्गवत् इति आकरे पाठः।

- 13. मधुरः इति आकरे पाठः।
- 14. शीतः इति आकरे पाठ:।
- 15. रक्तपित्तज्वरोन्माद शीतो इति आदर्शपृस्तिकास् पाठः ।
- 16. आढकी कफपित्तच्नी कलायास्त्वतिवातलाः इति आकरे पाठः।
- 17. कफवातघ्नयः इति द्वितीयपुस्तके पाठः ।
- 18. श्काश्मरीगृल्मनिमुदनश्च इति आकरे पाठः ।
- 19. शोणितपित्तकर्ता इति आकरे पाठः ।
- 20. कफस्य हन्ता नयनामयघ्नो विशेषतो वन्यकुलत्य उक्तः इति आकरे पाठः।
- 21. स्निग्घोष्णवृष्यो इति आकरे पाठः।
- 22, शुक्रकफावहश्च इति आकरे पाठः ।
- 23. कषाया अविदाहिनश्च इति आकरे पाठः ।
- 24. स्निग्धोमा इति स्राकरे पाठः ।
- 25. स्वाद्तिक्तोष्णा इति श्राकरे पाठ:।
- 26. वातघ्नाः कफश्क्रघ्नाः इति आकरे पाठः ।
- 27. रूक्षः कषायो विषशोषशुक्रवलासद्ष्टिक्षयकृद्विदाही इति आकरे पाठः।
- 28. मधुरस्तु इति आकरे पाठः।
- 29. पीतकरक्तवणी इति आकरे पाठः ।
- 30. येऽनेकविघास्तु इति आकरे पाठः ।
- 31. यथादितस्ते गुणतः इति आकरे पाठः ।
- 32. रसपाकयोश्च इति आकरे पाठः।
- 33. विरूक्षा इति आकरे पाठः ।
- 34. विष्टभ्य जीर्यन्त्यनिलप्रदाश्च इति आकरे पाठः।
- 35. वैदलिकास्तु इति आकरे पाठः ।
- 36. जोनलः श्लेष्मिपत्तघ्नो इति द्वितीयपुस्तके पाठः।
- 37. समातीत प्रशस्यते इति आकरे पाठः ।
- 38. तथाऽर्थकराः स्मृताः इति आकरे पाठः ।

### **CHAPTER 17**

सर्ववातहरं मांसं वृष्यं वल्यतमं गुरु । तद्रसस्तर्पणो वल्यः स्निग्धः प्राणप्रदो लघुः ।

#### Meat

All types of meat alleviate  $v\bar{a}yu$ . They are aphrodisiac, exceedingly strength promoting and heavy. Meat soup is refreshing, strength promoting, unctuous, life giver (prāṇa prada) and light.

मांसवर्गो द्विधाज्ञेयो जांगलानूपभेदतः ॥ १॥

There are two groups of māmsa (meat) viz., meat of jāngala animals and the meat of ānūpa animals.

# तत्र बांगललक्षणगुरााः

१ जड्घालं मांसवर्गेऽत्र [बि]लस्थारच गुहाशयाः । तथा पर्णभूता शेया विष्कराः प्रतुदा प्रपि ।। २ ।। ३ [प्रसङ्गाऽन्यथ च] प्रास्था प्रष्टो जाङ्गलजातयः ।

# Jāngala (Meat of animals dwelling in dry land forests)

Jāngala is of eight categories viz., (1) janghāla, (2) vilastha, (3) guhāsaya, (4) parņa mṛga, (5) viṣkira, (6) pratuda, (7) prasaha and (8) grāmya.

जांगला मधुरा रूक्षास्तुवरा लघवम्तथा ॥ ३॥ बल्या वृष्या बृंहणाश्च दीपना दोषहारिणः । मूकता मिन्मिनत्व च गद्गदत्वादिते तथा॥ ४॥ वाधिर्यमशुचि च्छदि प्रमेहं मुखजानगदान् । गलगण्डं श्लीपदं च नाश्यत्यनिलामयान् ॥ ४॥

Meat of this variety is sweet, un-unctuous, astringent, light, strength promoting, aphrodisiac, nourishing and digestive stimulant. It alleviates doṣas and cures mūkatā (dumbness), minminatva (stammering), gadgadatva (lulling speech), ardita (facial paralysis), vādhirya (deafness), aśuci (sense of impurity), chardi (vomiting), prameha (obstinate urinary disorders including diabetes), mukharoga (diseases of the oral cavity), gala ganḍa (goitre), ślīpada (filariasis) and diseases caused by vāyu.

4 क् क्षेत्रदाः प्रतादनापि कोशस्याः पाविनस्तया । मस्स्या एतत्ते विख्याताः पञ्चधानूपजातयः॥ ६॥

Ānūpa (Meat of animals inhabiting marshy land)

Ānūpa is of five categories viz., (1) kūlecara, (2) plava, (3) košastha, (4) pādin and (5) matsya.

श्रान्पाः मधुराः स्निग्धाः गुरवो विह्नसादनाः । क्लेब्मलाः पिच्छिलाक्चैव मांसवृद्धिप्रदाः परम् । श्रायोऽभिष्यन्दिनस्ते हि प्रायो[ऽ]पथ्यतमाः मताः ॥७॥ Meat of this variety is sweet, unctuous, heavy, suppresser of the power of digestion, alleviator of kapha and slimy. It increases muscle tissue considerably. It is generally abhisyandin (which obstructs the channels of circulation) and unwholesome.

# श्रय जांगललक्षराम्, विशिष्टगुणाः

हरिराँगाकुरंगार्क्षवातायुमृगमातृकाः राजीवः पुषतश्चापि श्ववंष्टुः शरभादयः ॥ म ॥ जङ्घालसंज्ञिताः एते तेषा चिह्नं पथक शृण्। हरिरास्ताम् उद्दिष्टः एएः कृष्णतनूर्मतः ॥ ६॥ क्रंगस्ताम्रवर्णः स्याद्धरिणाकृतिको महान् । ऋष्यो नीलांडको लोके सरोर इति भण्यते ॥ १० ॥ वातायुस्तु किशोराभो मृगः स्वल्पः प्रकीतितः । स्वल्पः पृथ्वरो शेयः शशाभो मृगमातृकः ।। ११ ॥ कस्त्ररीहरिणं चैके वदंति मुगमातकम राजीवस्त मृगो ज्ञेयो राजीभिः परितो वृतः ॥ १२॥ पुषतश्चन्द्रविन्दुः स्याद्धरिणात्किञ्चिद्दलपकः दवदंष्ट्रः सम्मतो यस्त्र कार्सारे कर्कटाभिधः ॥ १३ ॥ शरमोऽष्टपात्स्यादुत्साहयुक्तश्चतुरूर्ध्वपादः काश्मीरदेशे उष्ट्रप्रमाणः समहाविषाणः ख्यातो नवस्थः स महामृगाख्यः॥ १४॥

# Different types of Jangala meat

Harina, ena, kuranga, rkṣa, vātāyu,mṛga mātṛkā, rājīva, pṛṣat, śvadamṣṭra, śarabha—these animals are called jaṅghāla. Their characteristic features are given below:

Harina is of coppery colour. Ena has a black body.

Kuranga is of coppery colour. It looks like harina but it is bigger in size. Rsya (rksa) is commonly called nīlānduka or saroru. Vātāyu is like a deer calf and it is small in size. Mrga mātrka is like a rabbit. It is small in size and it has a bulging abdomen. Some people, however, take musk deer as mrga mātrka. Rājīva has a spotted body. Prsat is dotted like the moon in its body and it looks like a harina of small size. Švadamstra is called karkata in Kashmir. Šarabha is found in Kashmir. It has eight legs, four of which are upwards. It is like a camel in size and it has big horns. This animal, which is also known as mahā mrga is locally called navastha (?).

'कृतमालो वप्रचुरः विश्वुतो विन्तुचित्रकः ।'

१ 10 11
'जागलाः प्रायशः सर्वे पित्तश्लेष्महरा मताः ॥ १५ ॥

12
किञ्चिद्रातकरा शेया लघवो बलवर्षनाः ।

Kṛtamāla, vapracura, viśruta and vindu citraka—these animals also come under the jaṅghāla category.

The meat of all these animals generally alleviates pitta and kapha. It slightly aggravates väyu. It is light and promoter of strength,

#### 13 गोधाशशभुजंगासुशल्लस्याद्या विलेशयाः ॥ १६॥

Vileśaya (Meat of animals which live in burrows in the earth)

Godhā, śaśa, bhujanga, ākhu, śallaki etc., are called vileśaya animals.

बिलेशया वातहरा मधुरा रसपाकयोः ।
14
बंहणा बद्धविण्मुत्राः वीर्योष्णाःच प्रकीतिताः ॥ १७ ॥

The meat of these animals alleviates  $v\bar{a}yu$ . It is sweet both in taste and  $vip\bar{a}ka$ . It is nourishing and it causes retention of stool and urine. It is hot in potency.

15 16 सिहव्याघ्रवृकाक्षर्कतरक्षुद्वीपनस्तथा

ī

बभ्रुजम्बुकमार्जारा इत्याद्या स्युर्गुहाशयाः ॥ १८ ॥

[भावप्रकाशः मांसवर्ग ११: १४-१६]

Guhāsaya (Meat of animals that dwell in caves)

Simha, vyāghra, vṛka, akṣa, ṛkṣa, tarakṣu, dvīpin, babhru, jambuka, mārjāra etc., are called guhāśaya animals.

तरक्षुः हडहा इति लोके । द्वीपः चित्रः व्याघ्रः । स्थुलपुच्छो रक्तनेत्रो बभ्रुभेदः स नकुलः ॥ १६॥

Tarakṣu is commonly known as haḍahā. Dvīpin is the tiger with a spotted body. A variety of babhru which has a thick tail and red eyes is called nakula.

'गुहाशया वातहरा गुरूष्णा मधुराक्च ते । स्निग्धा बल्या हिता नित्यं नेत्रगृह्यविकारिणाम्।

The meat of these animals alleviates  $v\bar{a}yu$ . It is heavy, hot, sweet, unctuous and promoter of strength. It is always wholesome for patients suffering from the diseases of the eye and the anus.

17 वनीका वृक्षमार्जारवृक्षमकंटिकाऽऽदयः ॥ २०॥'

[भावप्रकाशः मांसवर्ग ११: १७-१८]

'स्मृताः पर्णंमृगा वृष्याश्चक्षुष्याः शोणिते हिताः।

व्वास।शं:कासशमनाः सृष्टमूत्रपूरीषकाः ॥२१॥

भावप्रकाशः मांसवर्गे ११: १६]

### Parna mrga

Vanaukā, vṛkṣa mārjāra, vṛkṣa markatikā etc., are called parṇa mṛga animals.

The meat of these animals is approdisiac, promoter of eye sight and useful in the correction of the vitiation of blood. It cures śvāsa (asthma), arśas (piles) and kāsa (bronchitis). It helps in the elimination of urine and stool.

वितिकालाविविकिरकपिजलकितित्तराः ।

19

चकोरक्रकराद्याश्च विष्किराः समुदाहृताः ॥ २२ ॥

Viskira (Meat of gallinacious birds)

Vartikā, lāva, vikira, kapiñjalaka tittira, cakora, krakara, etc., are called viṣkira animals.

विकीर्य भक्षयन्त्येते यस्मात्तस्माद्धि विष्किराः ।

They eat by tearing (vikīrya) the food because of which they are called viṣkira.

20 कर्पिजल इति ख्यातो लोके **कपिर्ग्तित्तिर: ।** [भावप्रकाश मासवर्ग ११ : २०-२१]

चकोरः प्रसिद्धः । ऋकरः कथर इति लोके ॥ २३ ॥

The gray coloured tittira (kapiśa tittira) is called kapiñjala. Cakora is a well known bird. Krakara is locally called kathara.

'विष्किरा मधुराः शीता कषाया. कटुपाकिनः । 21 बल्या वृष्याम्त्रिदोषघ्नाः पथ्याश्च लघवो मताः ॥२४॥'

[भावप्रकाशः मांसवर्ग ११: २२]

The meat of these animals is sweet, cooling, astringent in taste, pungent in vipāka, strength promoting and anhrodisiac. It alleviates all the three dosas. It is wholespengand light.

'कालकंठकहारीतकपोतशतपत्रकाः 22 सारिका खंजरीटश्च पिकाद्या प्रतुवा मताः 262 Materia Medica

### Pratuda (Meat of packer birds)

Kālakaṇṭhaka, hārīta, kapota, satapatra, sārikā, khañjariṭa, pika etc., are called pratuda animals.

23 प्रत्युद्य भक्षयन्त्येते तुण्डेन प्रतुदास्ततः ॥ २५ ॥'

[भावप्रकाशः मांसवर्ग ११: २३]

They eat by picking (pratudya) the food because of which they are called pratuda.

कालकंठकगोडादी गौरै ग्रडागके इति प्रसिद्धः ॥२६॥

In the country of gauda, kālakanthaka is popularly called gaurai and adāgake.

हारीता हारिला इति लोके ॥ २७॥

Hāritā is called hārilā in the local vernacular.

कपोतो धवलः पाण्डु शतपत्रो बृहच्छुकः ।

Kapota is white and yellowish (pāṇḍu). Satapatra is the bigger variety of śuka.

'प्रतुदा मधुराः पित्तकफघ्नास्तुवरा हिमाः । 24 लघवो वद्धवर्चस्का किञ्चिद्वातप्रकोपनाः ॥ २ ॥

The meat of these animals is sweet. It alleviates pitta and kapha. It is astringent, cooling and light. It causes retention of stool and it slightly aggravates  $v\bar{a}yu$ .

25 26 काको गृध्र उल्काश्च चिल्लुश्च शशघातिनः ।

चाषो भासश्च कुरर इत्याद्याः प्रसहाः स्मृताः ॥२६॥'

[भावप्रकाशः मांसवर्ग ११: २३-२५]

Prasaha (Meat of animals & birds who eat by snatching)

Kāka, grdhra, ulūka, cillu, sasaghātin, cāsa, bhāsa, kurara

etc., are called prasaha animals.

27 'प्रसहाः कीर्निता एते प्रसह्यान्नाद्यभक्षणाः ।

These animals eat by snatching (prasahya) their food because of which they are called prasaha.

28 वीर्योप्णाः प्रसहाः सर्वे तन्मांसं चाह्रग्नि ये ॥ ३० ॥' [भावप्रकाशः मांसवर्ग ११: २६-२७]

29 ते शोषभस्मकोन्मादरेतक्षीणा भवन्ति द्रि ।

The meat of all these animals is hot in potency. Persons who eat their meat suffer from śoṣa (consumption), bhasmaka (gluttonous appetite), unmāda (insanity) and reduction in semen.

30 **छागमेषवृषा**श्वाद्या ग्राम्याः प्रोक्ता महर्षिभिः ॥३१॥

Grāmya (Meat of domesticated animals)

Chāga, meṣa, vṛṣa, aśva etc., are called grāmya animals by the great sages.

31 ग्राम्या वातहराः सर्वे दीपनाः कफिपत्तलाः । मधुरा रसपाकाम्यां वंहणा वलवर्धनाः ॥३२॥

The meat of all these animals alleviates  $v\bar{a}yu$ , stimulates digestion and aggravates kapha and pitta. It is sweet both in taste and  $vip\bar{a}ka$ , nourishing and strength promoting.

लुलायगण्डवाराहचमरीवारगादयः । 32 एते कूलेचराः प्रोक्ता यस्मात् कूले चरन्त्यपाम् ॥३३॥

Kūlecara (Meat of animals who live near water)

Lulāya, gaṇḍa, vārāha, camarī, vāraṇa, etc., are çalled kūlecara animals.

These animals graze (reside) by the side of water  $(k\bar{u}la)$  because of which they are called  $k\bar{u}lecara$ .

लुलायो महिपः। गण्डः खङ्गः। चमरी चमरपुच्छो गौः ॥३४॥

Lulāya is mahişa (buffalo), ganda is Khadga (rhinoceros) and camarī is a type of cow having a chowrie tail.

कुलेचरा मरुत्पित्तहरा वृष्या बलावहाः।

मधुराः शीतलाः स्निग्धाः मूत्रलाः श्लेष्मवर्धनाः ॥३५॥

The meat of kūlecara animals like lalāya, mahiṣa, gaṇḍa, khadga, camarī, camara puccha and go alleviate vāyu and pitta. It is aphrodisiac, promoter of strength, sweet, cooling, unctuous and diuretic. It aggravates kapha.

33 हससारसकाचाक्षबककीञ्चससारिकाः । नंदीमुखी सकादम्ब बलाकाद्याः प्लवा मताः । 35 प्लवन्ते सलिले यस्मादेते तस्मात्प्लवाः स्मृता ॥३६॥

Plava (Meat of animals who swim in water)

Hamsa, sārasa, kācākṣa, baka, krauñca, sasārikā, nandī mukhī, kādamba, balākā etc., are called plava animals.

36 37 38 39 काचाक्षः कर्दिकाक्षो वृहद्भकः । क्रौञ्चः शरद्विहङ्ग स्यात् टेंक 40 41 इति लोके। ससरिका सिधु इति लोके ।। ३७ ।।

Kācākṣa is also known as karditākṣa or bṛhadbaka. Krauñca is also called śarad vihanga and in folk language it is called tenka. Sasārikā is called sindhu in folk language.

स्थूला कठोरा वृत्ता च यस्याश्चञ्चूपरिस्थिता।
42
गृटिका जम्बु सदृशी ज्ञेया नन्दीमुखीति सा।। ३८॥
44
कादंब कयवा इति लोके। बलाका लघुवक: बगुली इति लोके।।३६॥

Nandī mukhi has, above its bill, a projection which is big in size, hard to touch and round in shape. Kādamba is called

Kayambā in folk lore. Balākā is the small variety of vaka, which in folk lore is called bagulī.

प्लवाः पित्तहराः स्निग्धाः मधुरा गुरनो हिमाः।
46
वातश्लेष्मप्रदाश्चेव बलशुककराः सराः॥४०॥

The meat of these animals alleviates pitta. It is unctuous, sweet, heavy and cooling. It aggravates vāyu and kapha and promotes strength as well as semen. It is laxative.

47 शशकविणकश्चैव शुक्तिशंबूकभल्लुका: । 48 जीवाश्चैवंविधाः सर्वे कोझस्याः परिकीर्तिताः ॥४१॥

Kośastha (Meat of animals that dwell in shells)

Śaśaka, viņaka, śukti, śambūka, bhalluka etc., are called kośastha animals.

कोशस्थाः मधुराः स्निग्धा पित्तवातहरा हिमाः। 49 बृंहणाश्च तथा वृष्याः वर्षस्याः कफवर्षनाः ॥ ४२ ॥

The meat of these animals is sweet, unctuous, alleviator of *pitta* as well as  $v\bar{a}yu$ , cooling, nourishing and aphrodisiac. It increases the quantity of stool and kapha.

50 कुम्भीरकूर्मनकाश्च कर्कटः कृष्णकर्कटः । 51 घण्टिका शिशुमारश्चेत्यादयः पादिनः स्मृताः ॥ ४३ ॥

#### Pādin

Kumbhīra, kūrma, nakra, karkaţa, kṛṣṇa karkaṭa, ghaṇṭikā, śiśumāra etc., are called pādin animals.

52 कुम्भीरो जलजन्तु विशेषः । कूर्म कच्छप इति लोके । 54 नक्रः नाक इति लोके शरंघादि नद्यां बहुलः ॥ ४४ ॥ 55 'कर्कटः केंकडा इति लोके । कृष्णकर्कटस्तद्भेदः। घंटिका 56 घडियाल इति लोके । शिशुमारः सूसि इति लोके ॥ ४५॥

Kumbhīra is a type of aquatic animal. Kūrma is known as kacchapa in folk lore. Nakra is called nāka in folk lore; they are found in large numbers in rivers like Saranghā. Karkaṭa is known as kemkaḍā in the folk language. Kṛṣṇa karkaṭa is a variety of karkaṭa. Śiśumāra is called sūsi in the folk lore.

पादिनोऽपि च ये ते तु कोशस्थानां गुणैः समाः ।'
[भावप्रकाशः मांसवर्ग ११: २७-३७]

The meat of these animals shares the properties of the meat of kośastha animals.

'रोहिताद्यास्तु ये जीवास्ते मत्स्या: परिकीत्तिताः।

Matsva (fish)

Living creatures like rohita etc., are called matsya (fish).

मत्स्याः स्निग्घोष्णमघुरा गुरवः कफपित्तलाः ॥४६॥

[भावप्रकाशः मांसवर्गे ११: ३६]

बल्याभिष्यन्दिनो वृष्याः बृंहणाः पवनापहाः ।

व्यवायाध्वरतानां च दीप्ताग्नीनां च पूजिताः ॥४७॥

Fish is unctuous, hot, sweet and heavy. It aggravates kapha and pitta and promotes strength. It is abhisyandi (which obstructs the channels of circulation), aphrodisiac, nourishing and alleviator of  $v\bar{a}yu$ . It is useful for those indulging in sex and walking and for those who have a strong power of digestion.

# अथ जांगलादीनां कतिपयानां विशिष्टानां गुणा :

'हरिणः शीतलो वद्धविण्मूत्रो दीपनो लघुः । 57 रसेपाके च मधुरः सुगन्धि सन्निपातहा ॥ ४८ ॥

### Property of the meat of individual animals

#### Harina (Red deer)

The meat of harina is cooling. It causes retention of the stool and urine. It is digestive stimulant and light. In taste and vipāka it is sweet. It has a good smell and it alleviates all the three doṣas.

<sup>58</sup> कषायो मधुरो हृद्यः पित्तासृक्कफवातिजत् । <sup>59</sup> संग्राही रोचनो "बल्यस्तेषामेणो ज्वरापहः ॥ ४६ ॥' [भावप्रकाशः मांसवर्ग ११ : ४१-४२]

### Ena (Black buck)

The meat of ena is astringent, sweet and a cardiac tonic. It alleviates pitta, blood, kapha and vāta. It is constipative and appetiser. It cures fever.

मधुरो मधुरः पाके दोषघ्नोऽनलदीपनः ।
60
'पृषतम्तु भवेत्स्वादु ग्राहकः शीतलो लघुः।
61
दीपनो रोचनः" स्वासज्वरदोषत्रयास्रजित् ॥ ४०॥'

[भावप्रकाशः मांसवर्ग ११: ४४]

# Prşat (Spotted deer)

The meat of *pṛṣat* is sweet both in taste and *vipāka*. It alleviates *doṣas* and is digestive stimulant. It is delicious, constipative, cooling and light. It is an appetiser. It cures śvāsa (astlma) and *jvara* (fever). It alleviates all the three doṣas as well as the vitiated blood.

'मुण्डितो ज्वरकामास्रक्षयक्वासापहा हिमा ।'

### Muṇḍinī

The meat of  $mundin\bar{\imath}$  cures jvxra (fever),  $k\bar{a}sa$  (bronchitis), vitiation of blood,  $k\bar{\imath}aya$  (consumption) and  $\dot{\imath}v\bar{a}sa$  (asthma). It is cooling.

'न्यङ्कु: स्वाद्र्लघुर्बल्यो वृष्यो दोपत्रयापहः ॥५१॥'

भावप्रकाश: मांसवर्ग ११: ४६]

### Nyanku (Antelope)

The meat of nyanku is sweet, light, strength promoting and aphrodisiac. It alleviates all three dosas.

ऋष्यस्त् मध्रो वृष्यः स्निग्घोष्णः कफपित्तलः ।

### Rsya

The meat of rsya is sweet, aphrodisiac, unctuous and hot. It aggravates kapha and pitta.

'शशः शीतो लघुर्याही रूक्षः स्वादु सदा हितः ॥५२॥

वह्निकृत्कफिपत्तघ्नो वातसाधारणः स्मृतः ।

ज्वरातिसारशोषास्त्रश्वसनार्शोहरश्च स: ।

# Śaśa (Hare)

The meat of śaśa is light, constipative, un-unctuous, sweet and always wholesome. It stimulates digestion and alleviates kapha as well as pitta. It is neutral for vāyu. It cures ivara (fever), atisāra (diarrhoea), śoṣa (consumption), vitiation of blood, śvasana (asthma) and arśas (piles).

शल्यकः श्वासकासास्रशोषदोषत्रयापहः ॥ ५३॥

भावप्रकाशः मांसवर्ग ११: ५०-५१]

# ।। गुहाशयाः ॥

# Śalyaka

The meat of śalyaka cures śvāsa (asthma), kāsa (bronchitis), vitiation of blood and śoṣa (consumption). It alleviates all the three dosas.

'लावा विष्किरवर्गे स्युस्ते चतुर्धामता बुधैः ।

#### 65 66 पांसुलो गौरकाश्चापि पौण्ड्रको दर्भरस्तथा ॥ ५४॥

[भावप्रकाशः गांसवर्ग ११: ५४-५५]

# Lāva (Common quail)

Lāva, which is included in the viṣkira group, is of four types viz., (1) pāmsula, (2) gauraka, (3) pauṇḍraka and (4) darbhara.

का 'लावा हृद्या हिमा स्निग्घा ग्राहिणो विह्नदीपनाः' ।

The meat of *lāva* in general is a cardiac tonic, cooling, unctuous, constipative and digestive stimulant.

68 **पांशुलः** श्लेष्मलस्तेषा वीर्योष्णानिलनाशनः ॥ ५५ ॥

The meat of the pāmsula type of lāva aggravates kapha. It is not in potency. It alleviates vāta.

गौरो लघुतरो रूक्षो वह्निकारी त्रिदोषजित ।

The meat of the gaura type of lāva is lighter, un-unctuous and stimulant of digestion. It alleviates all the three dosas.

पौण्ड्रकः पित्तकृत्किञ्चिल्लघुर्वातकफापहः ॥ ५६ ॥

The meat of pauṇḍraka type of lāva aggravates pitta. It is slightly light. It alleviates vāyu and kapha.

दर्भरो रक्तिपत्तध्नो हृदामयहरो हिमः ।

The meat of darbhara type of lāva cures rakta pitta (a disease characterised by bleeding from different parts of the body) and hrdāmaya (heart disease). It is cooling.

क्ष वर्सीको मधुरः शीतो रूक्षम्च कर्फापत्तनुत्।। ५७।।

[भावप्रकाशः मांसवर्गे ११: ५६-५७, ५८]

# Vartika (Gray partridge)

The meat of vartika is sweet, cooling and un-unctuous. It alleviates kapha and pitta.

ा . **'चटकः** शीतलः स्निग्धो स्वादुः शुक्रकफप्रदः ।

# Cataka (Tree sparrow)

The meat of cataka is cooling, unctuous and sweet. It increases semen and kapha.

सन्निपातहरो वेश्मचटकस्त्वतिशुक्रलः ॥ ५८ ॥

[भावप्रकाशः मांसवर्गं ११: ६१]

### Veśma cataka (House sparrow)

The meat of veśma caţaka alleviates sannipāta (a condition caused by the vitiation of all the three doṣas). It increases semen in excess.

वर्तकोऽग्रिधमः [?] शीतो ज्वरदोषत्रयापहः ।
72
सुरुच्यः शुक्रदो बल्यो वर्तिकाल्पगुणा ततः ॥ ५६ ॥

# Vartaka and Vartikā (Male bustard and female bustard)

The meat of vartaka is cooling. It cures jvara and alleviates all three dosas. It is delicious and promoter of semen as well as strength.

The meat of vartikā is slightly inferior in quality.

73 'तिसिरिवंणंदो ग्राही हिक्कादोषत्रयापहः । 74 स्वासकासहरः पथ्यस्तमा**ब्गोरो**ऽधिको गुणैः ॥' ६० ॥

[भावप्रकाशः मांसवर्ग ११: ५६]

# Tittiri (Partridge) & Gaura

The meat of *tittiri* promotes complexion. It is constipative. It cures  $hikk\bar{a}$  (hiccup). It alleviates all the three *doṣas*. It cures  $sv\bar{a}sa$  (asthma) and  $k\bar{a}sa$  (bronchitis). It is wholesome.

The meat of gaura is better in quality.

75 'कुनकुटो बृंहणः स्निग्धो नीयोंग्णोऽनिलाजिद्गुरुः। 76 चक्षुष्यः शुक्रकफकृत् बल्यो वृष्यः कषायकः॥ ६१॥

# Kukkuţa (Cock)

The meat of kukkuţa is nourishing, unctuous, hot in potency, alleviator of vāyu and heavy. It promotes eyesight. It increases semen and kapha. It is strength promoting, aphrodisiac and astringent.

गानीयकुक्कुटः स्निग्धो बृंहणः श्लेष्मलो गुरुः । ग्र वातपित्तक्षयक्रमीविषमज्वरनाशनः ।। ६२ ॥

# Pānīya Kukkuţa (Water cock)

The meat of pānīya kukkuţa is unctuous, nourishing, aggravator of kapha, heavy and alleviator of vāyu and pitta. It cures kṣaya (consumption), kṛmi (parasitic infection) and viṣama jvara (irregular fever).

## ग्रय प्रतुवाः

79 हारीतः उष्णो रूक्षश्च रक्तपित्तकफापहः । 80 स्वेदस्वरकरः प्रोक्त ईषद्वातकरश्च सः ॥ ६३॥

[भावप्रकाशः मांसवर्ग ११: ६३-६४]

## Hārita

The meat of harita is hot and un-unctuous. It alleviates

vitiation of blood, pitta and kapha. It promotes sweating and good voice. It slightly aggravates vāyu.

पाण्डुकः कफवातघ्नो ग्रहणीदोषनाशनः ।

रक्तपित्तहरः शीतो मधुरो रसपाकयोः ॥ ६४ ॥

# Päņduka

The meat of  $p\bar{a}nduka$  alleviates kapha and  $v\bar{a}yu$ . It cures grahanī doṣa (sprue syndrome), rakta pitta (a disease characterised by bleeding from different parts of the body). It is cooling and sweet both in taste and  $vip\bar{a}ka$ .

संग्राही वातशमनः कपोतः परिकीत्तितः ।

कपोत इति विशेषो लोके धवलपाण्डुकः ।

# Kapota (Dove)

The meat of kapota is constipative and alleviator of  $v\bar{a}yu$ . This bird is white and yellowish in colour.

'पारावतो गुरु स्निग्घो रक्तिपत्तानिलापहः ॥' ६४ ॥

[भावप्रकाशः मांसवर्ग ११: ७१]

संग्राही शुक्रलः शीतः कपोतोऽपि समोऽमुना ।

# Pārāvata (Pigeon)

The meat of pārāvata is heavy and unctuous. It cures rakta pitta (a disease characterised by bleeding from different parts of the body) and vitiation of vāyu. It is constipative, promoter of semen and cooling. It shares the properties of kapota.

'नातिस्निग्धानि बृष्याणि स्वादुपाकरसानि च।' 81 वातच्नान्यतिशुक्रमाणि गुदण्यण्डानि पक्षिणाम्' ॥६६॥

[भावप्रकाशः मांसवर्ग ११: ७२]

## Egg

Eggs of birds are not very unctuous. They are aphrodisiac, sweet in *vipāka* and taste, alleviator of *vāyu*, promoter of semen in excess and heavy.

#### ग्रम ग्राम्याः

श्व क्षामांसं लघु स्निग्धं स्वादुपानं त्रिदोषजित् । 83 नातिशीतमदाहित्वात् स्वादु पीनसनाशनम् ॥ ६७ ॥ 84 परं बलकरं रुच्यं बृंहणं भातुवद्धंनम् । Chāga (Goat)

The meat of the goat is light, unctuous, sweet in vipāka and alleviator of all the three doṣas. It is not very cold and it does not cause burning sensation. It is sweet. It cures pīnasa (chronic rhinitis). It is an excellent promoter of strength. It is appetiser and nourishing. It promotes tissue elements.

85 अजायास्तु प्रसुताया मासं पीनसनाशनम् ॥ ६८ ॥ 86 शुक्ककासेऽक्ची शोथे हितमग्नेश्च दीपनम् ।

The meat of a recently delivered she-goat cures pinasa (chronic rhinitis). It is useful in śuṣka kāsa (dry cough), aruci (anorexia) and śotha (oedema). It stimulates the power of digestion.

श्रजासुतस्य बालस्य मांसं लघुतरं भवेत्।। ६९।। ८८ ८८ ८८ ८४ १८ ।। १८ १८ १८ १८ १८ ।।

The meat of a male calf of the goat is lighter. It is cardiac tonic. It is an excellent curative of *jvara* (fever). It is exceedingly delicious and promoter of strength.

मांसं निष्कासिताण्डस्य छागस्य कफकृद्गुर ।। ७० ।।

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स्रोतःशुद्धिकरं बल्यं मांसदं वातिपत्तनुत् ।

The meat of the castrated goat aggravates kapha. It is heavy. It cleanses the channels of circulation. It promotes strength and muscle tissue. It alleviates vāyu and pitta.

91 वृद्धस्य वानलं रूक्षं न्याधितस्य मृतस्य च ।

The meat of an old-goat aggravates vāyu. It is ununctuous. The meat of diseased and dead goat shares these properties also.

ऊर्घ्वजत्रुविकारघ्नं छा**गमुंडं** रुचिप्रदम् ॥'७१। [भावप्रकाशः मासवर्ग ११ : ७४-७६]

The meat from the head of the goat cures diseases of head and neck and is delicious.

92 मेषस्य बृहण मास पित्तश्लेष्मकरं गुरु ।

Mesa (Sheep)

The meat of the sheep is nourishing. It aggravates pitta and kapha. It is heavy.

93 ततो वृषणहीनस्य मास किञ्चिल्लघु स्मृतम् ॥ ७२ ॥

The meat of a castrated sheep is slightly lighter.

मेदः [?] पुच्छोद्भवं मांसं हृद्यं वृष्यं श्रमापहम्। पित्तश्लेष्मकरं किचिद्वातच्याधिविनाशनम्॥ ७३॥'

[भावप्रकाशः मांसवर्ग ११: ८१, ८३]

The fat and the meat of the tail of the sheep are cardiac tonic, aphrodisiac and alleviator of fatigue. They aggravate pitta and kapha and alleviate to some extent diseases caused by vāyu.

गोमांसं गुर्वेपथ्यं च पित्तश्लेष्मविवर्धंनम् । स्निग्धं वातहरं बल्य बृहणं पीनसं प्रणुत् ॥ ७४॥ Go (Cow)

Beef is heavy and unwholesome. It aggravates pitta and kapha. It is unctuous, alleviator of vāyu, strength promoting and nourishing. It cures pīnasa (chronic rhinitis).

भ्वश्वमांसं सलवणं विह्नकृत्ककिपत्तलम् । वातहृद्धृंहण बत्यं चक्षुप्यं मधुरं लघु ॥ ७५ ॥ भावप्रकाशः मांसवर्ग ११ : ८७]

# Aśva (Horse)

The meat of the horse is saline and stimulant of the power of digestion. It aggravates kapha and pitta. It alleviates vāyu. It is nourishing, promoter of strength as well as eye sight, sweet and light.

# ग्रथ कुलेचराः

माहिषं मधुरं मासं स्निग्धोष्णं वातनाशनम् ।
निद्रारेतोबलस्तन्यतनुदीर्घंकरं लघु (?) ॥ ७६॥

Mahisa (Buffalo)

The meat of the buffalo is sweet, unctuous, hot and alleviator of  $v\bar{a}yu$ . It increases sleep, semen, strength, lactation and size of the body. It is light (?).

#### ग्रथ प्लवाः

कार्यकं चकांगं च मांसं स्निग्धं हिमं गुरु।

'वृष्यं च सृष्टविण्मूत्रं वातिपत्तास्रनाशनम् ॥ ७७ ॥'

[भावप्रकाशः मांसवर्ग ११: ६०]

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## Kadambaka and Cakrānga

The meat of kadambaka and cakrānga is unctuous, cooling, heavy and aphrodisiac. It helps in the elimination of stool and urine. It alleviates vāyu, pitta and vitiation of blood.

#### अय कोशस्थाः

97 **'कच्छपो** बलदो वातिपत्तिजित्पुंस्त्वकारक: ।'
[भावप्रकाशः मांसवर्गे ११: ६२]

## Kacchapa (Tortise)

The meat of kacchapa is promoter of strength. It alleviates vāyu and pitta and promotes potency.

विरूक्षणो लेखनश्च वीयौंजःपित्तदूषणः ॥ ७ ॥ ।। स्वाद्वम्ललवणस्तेषा गजक्षेष्मानिलापहः ।

## Gaja (Elephant)

The meat of gaja is un-unctuous and depleting. It vitiates semen, ojas and pitta. It is sweet, sour and saline. It alleviates kapha and vāyu.

भिनेहनं बृंहणं वृष्यं "श्रमघ्नमिनलापहम् । • १९९ वाराहं पिशित बल्यं रोचन स्वादद गुरु ॥ ७६ ॥' [माधवद्रव्यगुणः मांसवर्ग १६ : ११-१२]

# Varāha (Hog)

The meat of varāha is unctuous, nourishing, aphrodisiac, alleviator of fatigue and vāyu, promoter of strength, appetiser, delicious and heavy.

स्निग्धं समधुरं वृष्यं" गुर्वभिष्यन्दि शीतलम् । वातपित्तहरं हुवं सौकरं चर्मचित्रितम् ॥ ५०॥

#### Carmacitrita sukara

The meat of sukara who has a spotted skin is unctuous, sweet, aphrodisiae, heavy, abhisyandi (which obstructs the channels of circulation), cooling, alleviator of vāyu as well as pitta and cardiac tonic.

'कफव्नं **खड्गि**पिशितं कथायमनिनापहम् । पित्र्यं पित्रमायुष्यं वद्धमूत्रं विरुक्षणम् ॥ ८१॥' [माधवद्भव्यगुणः मांसवर्ग १६: १२-१३]

## Khadga (Rhinoceros)

The meat of *khadga* alleviates *kapha*. It is astringent and alleviator of *vāyu*. It is *pitrya* (liked by *pitrs* or dead ancestors), sacred and promoter of longevity. It causes retention of urine and is un-unctuous.

100 'बर्ही हिनतमो बल्यो वानघ्नो मांसशुक्रदः ।' [माधवद्रव्यगुण मासवर्ग १६ : १७]

# Barhī (Peacock)

The meat of  $barh\bar{\imath}$  is most wholesome. It promotes strength, alleviates  $v\bar{a}yu$  and increases muscle tissue as well as semen.

101 'कषायमधुराः शीता रक्तपित्तनिबर्हणाः ॥ ५२ ॥ 102 विपाके मधुराश्चैव कपोताः गृहवासिनः ।

# Kapota (Dove ?)

The meat of various types of *kapota* residing in houses is astringent and sweet in taste and cooling. It cures *rakta pitta* (a disease characterised by bleeding from different parts of the body). It is sweet in *vipāka*.

तेभ्यो लघुतराः किचित् कपोताः वनवासिनः ॥ ५३॥

संग्राहिणक्चैव स्वल्पमृत्रकराक्च ते । शीता:

The meat of those residing in forests is slightly lighter. It is cooling and constipative. It produces less of urine.

किञ्चिल्लघतरा रूक्षा ग्राहिणः श्लेष्मिपत्तलाः।

हितास्ते पाण्ड चित्रांगा हारीता वनवासिनः ॥ ६४॥ '

[माधवद्रव्यगुणः मासवर्ग १६: १६-२२]

The meat of kapotas which are yellowish, spotted or green in colour and which reside in the forests, is slightly lighter, un-unctuous and constipative. It aggravates kapha and pitta, and it is wholesome.

'चक्षण्या मधुराः पाके सर्पा मेधकराः स्मृताः ।

Sarpa (Snake)

The meat of sarpa is promoter of eye sight, sweet in vipāka and promoter of intellect.

दवींकरा दीप्यकाश्च तेपक्ता कट्पाकिन: ॥ ५५ ॥

मध्रात्यर्थचक्षष्याः सप्टविण्मत्रमाहताः

Of them, darvīkara and dīpyaka are pungent in vipāka. They are sweet in taste and excellent promoter of eye sight. They help in the elimination of stool, urine and flatus.

शंखक्रमीदयः स्वादुरसपाका बलावहाः ॥ ८६ ॥ १०५ १०६ शीताः स्निग्धा हिताः पित्ते चक्षुष्याः शुक्रवर्द्धं नाः ।

Śankha, Kūrma etc., (Conch shell, tortoise etc..)

The meat of śankha, kūrma etc., is sweet both in taste and in vipāka. It is strength promoting, cooling, unctuous, useful for pitta and promoter of eye sight as well as semen.

कृष्णकर्कटकस्तेषा बल्यः कोष्णोऽनिलापहः ।

107 जुक्रसधानकृत्सृष्टविष्मृत्रोऽनिलिपन्तहा ॥ ८७ ॥

[माधवद्रव्यगुण मासवर्ग १६ : २७-३०]

# Kṛṣṇa Karkaṭa (Block crab)

The meat of the black variety of karkata is strength promoting and slightly hot. It alleviates vāyu. It promotes semen and healing. It helps in the elimination of stool and urine. It alleviates vāyu and pitta.

'हंसो वातहरो वृष्यो स्वर्यो मासवलप्रदः । *Hamsa* (Swan)

The meat of hamsa alleviates vāyu. It is aphrodisiac. It is promoter of good voice, muscle tissue and strength.

108 चक्रवाकस्तथाठेंकश्चटको वातनाशनः ॥ ८८॥

Cakravāka, Thenka and Catuka

The meat of cakravāka, thenka and cataka alleviates vāyu.

सारिकाबककादम्बलावकाः पवनापहाः

स्निग्धाः मृष्टमला वृष्या रक्तपित्तहरा हिमा. ॥ ६॥

Sārikā, Baka, Kadamba and Lāvaka (Shama thrush, Common crane, Whistling teal & Common quail)

The meat of  $s\bar{a}rik\bar{a}$ , baka, kadamba and  $l\bar{a}va$  alleviates  $v\bar{a}yu$ . It is unctuous. It helps in the elimination of stool. It is aphrodisiac. It cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is cooling.

कामश्वासक्षयहरी गोधा मधुरजीतला ।

# Godhā (Inguana)

The meat of godhā cures kāsa (bronchitis), śvāsa (asthma) and kṣaya (consumption). It is sweet and cooling.

110

मूबको मधुरः स्निग्धो कफशुक्रविवर्द्धन: ।

दुर्नामानिलदोपघ्नः कृमिदूषीविषापहः ॥ ६० ॥

[माधवद्रव्यगुण: मांसवर्ग १६ : २४-२७]

## Műşaka (Mouse)

The meat of mūṣaka is sweet and unctuous. It increases kapha and semen. It cures durnāman (piles), aggravation of vāyu, kṛmi (parasitic infection) and dūṣī viṣa (artificial poisoning).

रोचनं बृंहणं चास्करीरैः सह जांगलम् । रक्तपित्तविसर्पे च कुप्ठे मेहे विषे हितम् ॥ ६१॥

## Combinations

Along with cāru karira, the meat of jāngala type of animals is appetiser and nourishing. It cures raktapitta (a disease characterised by bleeding from different parts of the body), visarpa (erysipelas), kuṣṭha (obstinate skin diseases including leprosy), meha (obstinate urinary disorders including diabetes) and viṣa (poisoning).

रोचनं दीपनं हृद्य घंटोलैं: सह जांगलम् ।

Along with ghantola, the meat of jāngala type of animals works as appetiser, digestive stimulant and cardiac tonic.

111 'वातश्लेष्मविकारघ्न दीपनं चानुलोमनं ।। ६२ ॥ ह्लादनीयं विशेषेण वीताग्नेः सह जांगलं ।'

Along with  $v\bar{\imath}t\bar{a}gni$ , the meat of  $j\bar{a}nigala$  type of animals cures diseases caused by  $v\bar{a}yu$  and kapha. It is digestive stimulant and laxative. It is very delicious.

शुष्कमूलकसंसिद्धं मांसं यक्ष्महरं नृणाम् ।। ६३ ।।

The meat prepared with dry radish cures yakşmā (tuberculosis), स्नेहनं दीपनं हृद्यं मांसं दिवकमुच्यते ।

The meat prepared with curd is unctuous, digestive stimulant and cardiac tonic.

बल्य स्वर्यं च चक्षुष्यं ताडोगैः सह साधितम् ॥६४॥

The meat prepared with tādoga promotes strength, good voice and eyesight.

112
'दूरे जलान्तनिलया दूरे पानीयगोचराः ।
113
ये मृगाश्च विहंगाश्च तेऽल्पाभिष्यन्दिनो मताः ॥६५॥
114
अतीव ते बलीयांसः समीपोदकगोचराः ।
ये मृगाश्च विहंगाश्च महाभिष्यन्दिनो मताः ॥६६॥

#### Habitat

The meat of animals and birds residing and grazing far away from water is less abhisyandi (which obstructs the channels of circulation). The meat of animals which graze near water is an excellent promoter of strength. Such animals and birds are extremely abhisyandi (which obstructs the channels of circulation).

# ॥ इति मांसवर्गः ॥

Thus ends the group dealing with various types of meat.

### NOTES AND REFERENCES

- 1. जंगला इति षष्ठपुस्तके पाठः।
- 2. चिलस्थाश्च इति द्वितीयपुस्तके पाठः।

- प्रमहा अप्पथ इति षष्ठपुस्तके पाठः ।
   सहा अथ च इति द्वितीयपुस्तके पाठः ।
- 4. अथानूपाः इति पष्ठपुस्तके अधिको पाठः।
- 5. पल्वाद्यक्च इति पष्ठपुस्तके पाठः ।
- 6. राजीवतृषतश्चापि इति द्वितीयपुस्तके पाठः ।
- 7. श्रषाभो इति द्वितीयपुम्तके पाठः।
- 8. "कृत......चित्रकः" पाठोऽय द्वितीयपुस्तके नोपलभ्यते ।
- 9. जाङ्गलाः इति आकरे पाठः।
- 10. सत्विपत्तश्लेष्महरा इति पष्ठपुस्तके पाठः।
- 11. स्मृताः इति आकरे पाठः।
- 12. किञ्चिद्वाकराश्चापि इति आकरे पाठः।
- 13. गोधादादाभुजंगाखुसल्लक्याद्या इति आकरे पाठः ।
- 14. वद्धविण्मुत्रा इति आकरे पाठः ।
- 15. सिहव्याघ्रवृका ऋक्षतरक्षुद्वीपिनस्तथा इति भाकरे पाठः।
- 16. द्विपनम्तथा इति पष्ठपुस्तके पाठः ।
- 17. ''वनौको वृक्षमार्जारो वृक्षमर्कटिका रुखी इति लोके'' इति श्रादर्श-पुस्तके पाठः ।
- 18. वर्त्तका लाववर्त्तीरकपिञ्जलकतित्तिराः इति आकरे पाठः।
- 19. कुलिङ्गकुक्कुटाद्याश्च इति आकरे पाठः ।
- 20. प्राज्ञैः कथितो गौरतित्तिरिः इति आकरे पाठः ।
- 21 पथ्यास्ते लचव. स्मृताः इति आकरे पाठः।
- 22. पारावतः खञ्जरीटः पिकाद्याः प्रतुदाः स्मृताः इति आकरे पाठः ।
- 23. प्रतृद्य इति आकरे पाठः ।
- 24. किञ्चिद्वातकराः स्मृताः इति आकरे पाठः ।
- 25. चिल्लश्च इति आकरे पाठः ।
- 26. शशघातकः इति आकरे पाठः ।
- 27. प्रसद्धाच्छिद्य भक्षणात् इते ति आकरे पाठः ।
- 28. प्रसहाः खलु वीर्योष्णास्तन्मांसं भक्षयन्ति ते इति आकरे पाठः।
- 29. शोषभस्मकोत्साद इति आदर्शपुस्तकेषु पाठः।
- 30. छागमेषबृषाद्याश्वाः इति द्वितीयपुस्तके पाठः ।
- 31. ग्राम्यासु वातला इति षष्ठपुस्तके पाठः ।

- 32. यतः इति आकरे पाठः ।
- 33. हंसमारमकारण्डबकक्रीञ्चशरारिकाः आकरे पाठः।
- 34. स्मृता इति आकरे पाठः ।
- 35. प्लवन्ति इति आकरे पाठ।
- 36. कारण्ड इति आकरे पाठः ।
- 37. कपर्दिकाच्यो इति आकरे पाठ:।
- 38. बृहद्धंसभेद इति आकरे पाठः ।
- 39. घारवि इति पण्ठपुस्तके पाठः।
- 40. शरारिका इति आकरे पाठ: ।
- 41. सिन्ध् इति आकरे पाठ ।
- 42. चञ्चुसदृशी इति आदर्शपुस्तकेषु पाठ: ।
- 43. प्रोक्त इति आकरे पाठ: ।
- 44. करवा इति आकरे पाठ: ।
- 45. पाठोज्यं आकरे नोपलभ्यते ।
- 46. वानश्लेष्मप्रदाश्चापि इति म्राकरे पाठः ।
- 47. शङ्ख<sup>-</sup>नखश्चापि शुक्तिशम्बूककर्कटाः इति ग्राकरे पाठः ।
- 48. जीवा एव विधाश्चान्ये कोशस्याः पिन्कीतिता इति आकरे पाठः ।
- 49. बुंहणा बहुवर्चस्का वृष्याश्च बलवर्द्धनाः इति स्राकरे पाठः।
- 50. गोधामकरशङ्कवः इति श्राकरे पाठः।
- 51. घण्टिकः इति आकरे पाठः ।
- 52. मारको जलजन्तुः इति ग्राकरे पाठः ।
- 53. कामव इति आदर्शपुस्तकेषु पाठः ।
- 54. मरव्वादिनदीषु इति आकरे पाठः ।
- 55. "कर्कटः......रतद्भेदः" पाठोऽय ग्राकरे नोपलभ्यते ।
- 56 सूम इति आकरे पाठः।
- 57 स्गन्धिः इति स्राकरे पाठः।
- 58. एण कषायो मत्रुरः गिनामृक्कफवातहृत् इति स्राकरे पाठः ।
- 59 बल्यो ज्वरप्रशमनः स्मृतः इति ग्राकरे पाठः।
- 60. भवेत्स्वादुर्गाहकः इति ग्राकरे पाठः ।
- 61. ''बल्य ' रोचकः'' पाठोऽय षष्ठपुस्तके नोपलभ्यते ।
- 62. वातसाधारणैः इति स्राकरे पाठः ।

- 63. ज्वरातीसारशोषास्त्रश्वासामयहरश्च सः इति स्राकरे पाठः ।
- 64. विष्किरवर्गेषु ते इति आकरे पाठः।
- 65. पांजुलो इति आकरे वा षष्ठपुस्तकयोः पाठः ।
- 66. गौरकोऽन्यस्तु इति स्राकरे पाठः ।
- 67. लावा विद्वकराः स्निग्धागरघ्ना ग्राहका हिताः इति ग्राकरे पाठः ।
- 68. क्लेब्मलस्तेषु वीर्योष्णोऽनिलनाशनः इति श्राकरे पाठः।
- 69. लावका इति पष्ठपुस्तके पाठः ।
- 70. कफपित्तकृत् इति आकरे पाठः।
- 71. कूलिङ्गः इति ग्राकरे पाठः।
- 72. मतः इति षष्ठपुस्तके पाठः ।
- 73. तित्तिरोर्वर्णदो इति षष्ठपुस्तके पाठः । तित्तिरिर्वलदो इति ग्राकरे पाठः ।
- 74. श्वासकासज्वरहरस्तस्माद्गौरोऽधिको गुणैः इति स्राकरे पाठः ।
- 75. वीर्योष्णेऽनिलहृद्गुरः इति ग्राकरे पाठः।
- 76. रुक्षः इति आदर्शपुस्तकेषु पाठः ।
- 77. ब्रारण्यकुक्कुटः इति आकरे पाठः । पानीयकुक्कुटः स्निग्घो वीर्योष्णीऽनिल्लात् इति षष्ठपुस्तके पाठः ।
- 78. वातिपत्तक्षयविषिवषमज्वरनाशनः इति स्राकरे पाठः।
- 79. हारीतो रूक्ष उष्णश्च इति स्राकरे पाठः ।
- 80. स्वेदः स्वरकरः इति ग्रादर्शपुस्तकेषु पाठः।
- 81. शुक्राणि इति श्राकरे पाठः ।
- 82. त्रिदोषन्तु इति आकरे पाठः ।
- 83. ग्रदाहिस्यात्स्वादु इति ग्राकरे पाठः । महाहिस्या स्वादु इति द्वितीयपुस्तके पाठः ।
- 84. वीर्यबर्द्धनम् इति श्राकरे पाठः।
- 85. भ्रजायाम्त्वप्रसूताया इति आकरे पाठः ।
- 86. शोषे इति स्राकरे पाठः।
- 87. स्मृतम् इति आकरे पाठः ।
- 88. लघुतर इति म्रादर्शपुस्तकेषु पाठः ।
- 89. सुखदं बलदं इति स्नाकरे पाठः।
- 90. निष्काशिताण्डस्य इति ग्रादर्शपुस्तकेषु पाठः।

- 91. तथा व्याधिमृतस्य च इति ग्राकरे पाठ:।
- 92. मासं पुष्टौ स्थात्पित्तक्लेष्मकरं गुरु इति स्राकरे पाठः ।
- 93. तस्यैवाण्डविहीनस्य इति म्राकरे पाठः ।
- 94. गुणपटां इति षष्ठपुस्तके पाठः ।
- 95. श्रश्वमांसन्त त्वर इति श्राकरे पाठः।
- 96. कदंवक चाकारि मास इति श्राकरे पाठः ।
- 97. वातपित्तनुत्प्ंस्त्वकारकः इति स्राकरे पाठः ।
- 98. श्रमघ्नमनिलापहम्......वृष्यं पाठोऽयं द्वितीयपुस्तके नोपलम्यते ।
- 99. स्वेदनं रोचनं गुरु इति आकरे पाठः ।
- 100. वह्ने : इति षष्ठपुस्तके पाठः । वही इति द्वितीयपुस्तके पाठः ।
- 101. कषाया मधुराः शीताः इति श्राकरे पाठः ।
- 102. कपोता इति स्राकरे पाठः।
- 103. सर्पाः मेघाग्निवर्द्धनाः इति भाकरे पाठः ।
- 104. शंखाः कुर्मादयः इति श्राकरे पाठः ।
- 105. हिना इति आकरे पाठः।
- 106. श्रुकवर्धना इति स्राकरे च द्वितीयपुस्तके पाठः ।
- 107. जुक्यः संघानकृत् इति स्राकरे पाठः ।
- 108. "चक ""वातनाशनः" पाठोऽयं स्राकरे नोपलभ्यते ।
- 109. सारिकाकाककादम्बबलाकाः इति श्राकरे पाठः।
- 110. व्यवायी शुक्रवर्धनः इति स्राकरे पाठः । क्रक्शुक्रविवर्धनः इति द्वितीयपुस्तके पाठः ।
- 111. "वातश्लेष्मविकारघ्नं ......सहजागलं" पाठोऽयं द्वितीयपुस्तके नोपस्रभ्यते।
- 112. जनान्तनिलयाद् दूरे इति आकरे पाठः।
- 113. बलाभिष्यंदिनो इति ग्राकरे पाठः।
- 114. ग्रतीवासन्ननिलयाः इति ग्राकरे पाठः ।

## **CHAPTER 18**

१ स्निग्धोष्णाः स्वादुगुरवः सृष्टविण्मूत्रमारुताः । 2 महाभिष्यन्दिनो वृष्याः बल्या वातहराः परम् ॥ १ ॥

# Matsya (Fish)

Fish is unctuous, hot, sweet and heavy. It helps in the elimination of stool, urine and flatus. It is aphrodisiac. It promotes strength and alleviates  $v\bar{a}yu$ .

3 4 5
 कफिपित्तकरा मत्स्याः बलोपचयवद्धंनाः ।
 व्यायामाध्वरतानां च दीप्ताग्नीनां च पूजिताः ॥२॥

It aggravates *kapha* and *pitta* and promotes strength as well as plumpness. It is exceedingly useful for persons who indulge in exercise and walk in excess and also for those who have a strong power of digestion.

कषायानुरसः स्वादुर्वातघ्नो नातिपित्तकृत् । रोहितः सर्वमत्स्यानां वरो वृष्योदितार्तिजित् । ३॥

#### Rohita

Rohita fish is astringent in anurasa (subsidiary taste) and sweet. It alleviates  $v\bar{a}yu$  and does not aggravate pitta in excess. It is the best among all the types of fish. It is aphrodisiac and it cures ardita (facial paralysis).

कषायमधुरो रूक्षो विश्वदो रोचनो लघुः । ग्राही तु नन्दिकावर्त्तम्तम्यानु शकुल. स्मृतः ॥ ४॥ — [माधवद्रव्यगुण: मत्स्ववर्ग २०: १-४ |

## Nandikāvarta and Šakula

Nandikāvarta fish is astringent, sweet, un-unctuous, višada (non-slimy), appetiser, light and constipative.

The śakula type of fish is slightly inferior.

'पाठीनः इलेप्मलो वृष्यो निद्रालु पिशिताशिनः।

प्रविद्ययेद्रक्तिपत्तं च कुप्ठरोग करोत्यसौ ॥ ५॥'

[भावप्रकाशः मत्स्याः मासवर्गं ११: १०६]

# Pāţhīna

The pāṭhīna fish aggravates kapha and is aphrodisiac. It resorts to sleep in excess and eats the meat of other animals. It causes raktapitta (a disease characterised by bleeding from different parts of the body) and kuṣṭha (obstinate skin diseases including leprosy).

'शृंगी समुद्गरः शंकु गोमत्स्यालिविकण्टकाः । कंटकैः सविषा ज्ञेया भक्ष्यमाणास्तु निविषा ॥ ६॥ शृंगहा etc.

Śṛṅgī, madgura, śaṅku, gomatyya, āli and trikaṇṭaka—all these type of fish have spikes. These spikes are poisonous. But the fish when eaten is non-poisonous.

भूङ्गी तु वातशमनी स्निग्धा श्लेष्मप्रकोपिणी।
11
कषायाः तिक्तभावाच्च तेभ्यो लघुतरास्मृताः।। ७।।

# Śŗ'ngī

Srigi fish alleviates  $v\bar{a}yu$ . It is unctuous, aggravator of kapha, astringent and bitter. Therefore, it is lighter than others in this group.

किंग्के मधुरो वृष्यो वातघ्नी मद्गुरो गुरुः।

Madgura

The madgura fish is sweet in  $vip\bar{a}ka$ . It is aphrodisiac, alleviator of  $v\bar{a}yu$  and heavy.

कृष्रामत्स्यो गुरुः स्निग्धो वातजित् श्लेष्मकोपनः ॥ 🕬

[माधवद्रव्यगुणः मत्स्यवर्गः २०: ५-७]

# Kṛṣṇa matsya

Kṛṣṇa matsya is heavy and un-unctuous. It alleviates vāyu and aggravates kapha.

12 'अलिर्मत्स्यो गुरुः स्निग्धो कटुको रूक्ष [?] एव च ।

#### Ali

The ali fish is heavy, unctuous and pungent.

13 पुर्मातस्यो गुरुस्निग्धश्लेष्मलो वातनाशनः ॥ ६ ॥

# Pryu

The pryu type of fish is heavy and unctuous. It aggravates kapha and alleviates vāyu.

14 **इल्लिको मन्तु**रः स्निग्धः पित्तकृत् व्लेष्मकोपनः।
15
नृणां व्यवायनित्यानां हितोऽनेरतिवर्धनः।

#### Illiśa

The *illiša* type of fish is sweet and unctuous. It aggravates *pitta* as well as *kapha*. It is useful for persons who indulge in sex in excess It excessively stimulates the power of digestion.

16 बलग स्निग्धमधुरो । वष्टभी लघु जीतलः ॥ १०॥ [माधवद्रव्यगुण मत्स्यवर्ग २० ५-१०]

## Balanga

The balanga type of fish is unctuous, sweet, wind forming, light and cooling.

प्रोष्टिका मधुरा वृष्या महती यातनाशिनी ।

Prostikā

The prostil.  $\bar{a}$  type of fish is sweet and aphrodisiac. It is an excellent alleviator of  $v\bar{a}yu$ .

नंदीवर्ती गुरुः स्निग्धो वार्ताजन्य्लेष्मवर्द्धनः ॥११॥
 कपायमध्ररः प्रोक्तस्तद्गुणो दीर्घतुण्डकः ।

Nandīvarta and Dīrgha tuṇḍaka

The *nandīvarta* type of fish is heavy and unctuous. It alleviates  $v\bar{a}yu$  and aggravates kapha. It is astringent and sweet.

The dīrgha tuṇḍaka type of fish shares the properties of nandīvarta.

भास्करो मधुरा रूक्षो मारुतस्य प्रकोपनः ॥ १२ ॥

#### Bhāskara

The bhāskara type of fish is sweet and un-unctuous. It aggravates vāyu.

शकुलो गुरु रूक्षोऽथ मारुतस्य प्रकोपनः ।

## Sakula

The śakula type of fish is heavy and un-unctuous. It aggravates vāyu.

शैलीत्धुः ब्लेप्मली वृष्यो विपाके मधुरो गुरुः ॥१३॥

#### Sailīndhu

The sailindhu type of fish is aggravator of kapha, aphrodisiac, sweet in vipāka and heavy.

गर्गभो मधुर स्निग्धो बार्शअत् श्लेप्मकोपनः ।

# Gargabha

The gargabha type of fish is sweet and unctuous. It alleviates vāyu and aggravates kapha.

इंवाकस्त्वनभिष्यन्दि नेपा पीनसनाशनः ॥ १४॥

#### Invāka

The *univāka* type of fish does not obstruct the channels of circulation and it cures *pīnasa* (chronic rhinitis).

मनभिष्यन्दि मधुरा इंविका रसविधनी ।

#### Imbikā

The *imbikā* type of hish does not obstruct the channels of circulation. It is sweet and it increases plasma.

लचनः क्षुत्रमत्स्यास्तु ग्राहिणो ग्रहणीहिता. ॥ १५ ॥

#### Small fish

Different types of small fish are light and constipative. They are useful in grahanī (sprue syndrome).

मत्स्यकूर्मखगाण्डानि स्वाद् बाजीकराणि च ।

## F.ggs

The eggs of fish, tortoise and birds are sweet and aphrodisiac.

ममत्स्यगर्भेः ख्गाण्डः स्निग्ध स्थौल्यकरो गुरुः । 'कफमेदःप्रदो बल्यो ग्लानिकृत्मेहनायनः ॥ १६॥'

[भावप्रकाशः मासवर्ग ११: १२५]

If the egg of birds is prepared along with egg of fish, then it becomes unctuous, promoter of corpulence and heavy. It increases kapha and fat, promotes strength, produces fatigue and cures meha (obstinate urinary disorders including diabetes).

विष्टभिनः शुक्तमत्स्या अवल्या दुर्जरामताः ।

Dry fish

The dry fish produces wind in the colon. It does not promote strength and it is difficult of digestion.

पूर्तिमत्स्या ग्रमक्षा स्यु मर्वदोषप्रकोपणाः ।

## Putrified fish

The fish which is putrified should not be eaten. It aggravates all the dosas.

'दग्धमत्स्यो गुणै' श्रोष्ठः पुष्टिकृद्धलवर्द्धनः ॥ १७ ॥' [भावप्रकाज्ञः मांसवर्ग ११: १२७]

#### Burnt fish

The burnt fish is excellent in property. It is nourishing and strength promoting.

<sup>19</sup> 'नावेया मधुरा मत्स्या गुरवो मारुतापहाः । रक्तिपत्तहरा सोष्णा वृष्या स्निग्धाल्पवर्चसः । कषायानुरमस्तेषां शष्पशैवालभोजनः ॥ १८ ॥' [सृश्रुतः सूत्रस्थान ४६ : ११४-११५]

#### River fish

The fish collected from river is sweet and heavy. It alleviates vāyu and cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is hot, aphrodisiac and unctuous. It produces less of stool. It is astringent in anurasa (subsidiary taste). The river fish feed on grass and moss.

'सरस्तडागसंभूता: स्निग्धा स्वादुरमा. स्मृताः ।' [सुश्रुत. सूत्रस्थान ४६ : ११७]

#### Pond fish

The fish collected from big and small ponds is unctuous and sweet in taste.

सामुद्राः गृरवः स्निग्धा मधुरा नातिपित्तला ।। १६ ।।
20
उष्णा वातहरा वृष्याः वर्चस्याः शुक्रवर्धनाः ।
बलावहा विशेषेग् मासाशित्वात्समुद्रजाः ।। २० ।।

#### Sea fish

The fish collected from sea is heavy, unctuous and sweet. It does not aggravate pitta in excess It is hot, alleviator of  $v\bar{a}yu$  and aphrodisiac. It increases stool and semen. It is an excellent promoter of strength because the sea fish feed on the meat of other animals.

समुद्रजेभ्यो नादेया बृंहणास्तद्गुणोत्तराः

In comparison to sea fish, the river fish is more nourishing and better in quality.

तेम्योऽतीवानिलघ्नत्वाच्चौण्डचकौप्यौ गुणोत्तरौ

स्निग्धन्वात्स्वादुणकन्वानयोविष्या गुणीन्तरा ॥२२॥ [सुश्रुत सुत्र ४६ : ११६-१२१]

#### Well fish

The fish of cunda (a big well without boundary wall) and well is better than the sea fish and river fish because the former is a strong alleviator of  $v\bar{a}yu$ . The fish of  $v\bar{a}pi$  (a big well with a boundary wall and a stair case) is better than the fish of cunda and  $k\bar{u}pa$  because the former is unctuous and sweet in  $vip\bar{a}ka$ .

'हेमन्ते कूपजा मत्म्या शिथिरे सारमाः हिताः ।'
[भावप्रकाशः मांसवर्गे ११: १२६]
मधौ नदीभवाः श्रोष्ठाः ग्रीष्मे हृदसमुद्भवाः ।
तडागजाना वर्षाम् पथ्याः शर्रेष नैभंगः ॥ २२॥

#### Fish in different seasons

In hemanta (early winter), fish from a well is useful and in sisira (later part of winter) it h from big ponds is useful. In the spring season, river fish is most useful and in summer season, fish collected from lake is useful. In rainy season, fish collected from small ponds is wholesome and in autumn, fish from springs is useful.

नादेया गुरवो मध्ये यस्मात्पुच्छास्य चारिणः । सरस्यवागजाना तृ विशेषेण दिलो गर ॥ २३॥

# Different parts of fish

The river fish is heavy in the middle of its body because it moves with the help of the tail and the mouth. In the case of fish from the big and small ponds, the nead is heavy.

21 ग्रदूरगे। चरास्भस्थास्तस्यो दोषतहा स्मृता. । किचिन्मुक्तृदा शिरोदेशमन्यर्थ गुरुवन्तु ते ॥ २४॥

The fish which does not travel long distances inside the

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water is harmful. Leaving a small portion behind the head, this fish is very heavy.

22 ग्रघस्ताद्गुरवो ज्ञेया मत्स्या. सरसि संभवा. । 23 उरोविचरणं तेषां पूर्वमग लघु स्मृतम् ॥ २५ ॥

[सुश्रुतः सूत्रस्थान ४६: १२२-१२४]

The lower part of the pond fish is heavy. Because it moves through the help of its chest, its front portion is light.

24
'महाप्रमाणगुरवः क्रियावद्म्योऽल्पचेष्टिनः ।
25 26
युवम्यः स्थविरा ये स्युः स्त्रीभ्यश्च पुरुषाश्च ये ।।२६॥
27 28
मृदुभ्यः स्थिरगात्राश्च खेचरेभ्यश्च भूचराः ।
29
गुरुस्क्षा बहुभुजो ये चोपचितमेदसः ।। २७॥

[माधवद्रव्यगुणः मत्स्यवर्ग २० : १२-१३]

#### Heaviness

The fish of a big size is generally heavy. In comparison to the fish which is very active, the one with a sluggish movement is heavy. In comparison to the young ones, the old fish is heavier. The male fish is heavier than the female. In comparison to the fish having a soft body, the one having a compact body is heavier. In comparison to the birds which move in the sky, the animals which move on the ground are heavier. Those which feed on heavy and on un-unctuous articles in large quantities and those having accumulated fat are heavier.

विहङ्गेषु पुमान् श्रोटः स्त्रीः चतु पदजातिषु ।
परार्घ लघु पुसः स्यात्स्त्रीणा पूर्वार्द्धमादिशेत् ॥ २८ ॥
देहमध्य गुरु प्रायः सर्वेषा प्राणिनां मतम् ।
30
पक्षोत्क्षेपाद्विहगाना तदेव वरमुच्यते ॥ २६ ॥

## Male and female animals

Among birds the males are the best. Among quadrupeds the females are the best. The hind portion of the body of the males is light. The front portion of the body of female animals is light. The middle portion of the body of animals is generally heavy. In the case of birds, their middle portion is better because the feathers attached to it help in its movement.

'सर्वेषा च शिर'म्कन्धप्तीहचर्मयकृद्गृदम् । 31 पादमस्तिष्कपुच्छात्रमुष्टकोडाः ममीरणा । 32 घातवः जोणितााद्यादचं ग्रवः स्युर्ययोत्तरम् ॥ ३०॥' [माघवद्रव्यगुणः मत्स्यवर्ग २०: १४-१५]

## Different parts

In all animals the head, neck, spleen, skin, liver, anus, feet, brain, tail, colon, testicles, pelvic region (kroda), airy portion (samīrana) and tissue elements like blood are progressively heavier.

त्र वातार साम समाना भन्त परिणाम्।

मत्म्याशिना पित्तकर वातप्न गुर कीतितमः।। ३१।।

जलाशिना व्लेप्महर लघु स्तमुदीरितम् ।

बृहण पर यात्रन नेपामेव प्रशासनामः।। ३२॥

## Habitat

The meat of birds inhabiting deserts is light and alleviator of vāyu. The meat of birds which feed on fish aggravates pitta and alleviates vāyu. It is heavy. The meat of birds which live on water is alleviator of kapha, light and ununctuous. The meat of birds which eat the meat of other animals is nourishing, heavy and alleviator of vāyu.

Thus ends the group dealing with various types of meat and fish.

#### NOTES AND REFERENCES

- 1. निग्घोष्णाः इति स्राकरे पाठ ।
- 2. वृष्या इति आकरे पाठः।
- 3. कफपिनहरा इति पष्ठप्रनके पाठ ।
- 4 मत्स्या इति ग्राकरे पाठः।
- 5. कालोपचयवर्धमाः इति पष्ठपुस्तके पाठः ।
- 6. वृष्योऽदितातिषु इति ग्राकरे पाठः ।
- 7. पानीनः इति षष्ठपुरनके पाठः ।
- 8. बन्या इति आकरे पाठ<sup>1</sup>।
- 9. दुष्येद्रधिरं पिनं कृष्ठरोग करोति च इति आकरे पाठ.।
- 10. मद्ग्रुजंक च इति श्राकरे पाटः।
- कपया ""लघनरारमृताः पाठोऽय ग्राकरे नोपलभ्यते ।
- 12. ग्रलिमत्स्यो गुरुः स्निग्धः कषायो रूक्ष एव च इति ग्राकरे पाठः।
- 13. गुरुमत्स्यो गरु स्निग्धः श्लेष्मली वातनादानः इति ग्राकरे पाठः
- 14. इल्लिमो मधुर स्निग्ध. पिनहृत् स्वेष्मकोपन इति ग्राकरे पाठ. ।
- 15. विद्विविवर्धन इति म्राकरं पाठः।
- 16. चडग स्निग्धमधूरो ग्रह्तिगट भिशीतल. इति भ्राकरे पाठ.।
- 17. नंबा इति पण्डप्रस्तके पाठ ।
- 18. प्रिटक्रइलवर्धनः इति द्वितीयपुम्तके पाठः ।
- नादेया वृहणा मत्स्या गुरवोऽनिलनाशनाः।
   नक्तिपत्तकरा वृष्याः स्निग्धोष्णाः स्वत्पवर्चसः इति भावप्रकाशे पाठः।
- 20. इतेष्मवर्धना. इति आकरे पाठः ।
- 21. श्रदूरगोचरा यस्मानस्मादुत्सोदपानजाः इति श्राकरे पाठः । श्रदूरगोचराः मत्स्या स्तेभ्यो इति षष्ठपुस्तके पाठः ।

- 22. सागरसंभवः इति म्राकरे पाठः।
- 23. उरो विचरणात् तेया इति स्राकरे पाठः।
- 24. महाप्रमाणाः गुरवः त्रियावन्तोऽत्पचेष्टिताः इति ग्राकरे पाठः ।
- 25. युवत्यः इति स्राकरे पाठः।
- 26. स्त्रियम्ब इति स्राकरे पाठः ।
- 27. कठिनेभ्यो मृदुभ्यव्च स्थिरगात्राव्च भूचरा इति पर्ठ पुस्तके पाठः।
- 28. खेचरेभ्योजी इति ग्राकरे पाट.।
- 29. गुरुख्याः इति ग्राकरे पाठः।
- 30. वलमूच्यते इति स्राकरे पाठः।
- 31. समीरिणाः इति श्राकरे पाठः ।
- 32. गुरवस्तूनरोत्तराः इति झाकरे पाठः।
- 33. वातचारिणाम् इति षष्टपुस्तके पाठः ।

## CHAPTER 19

ा 'ग्रम्लं कषाय मधुर वानघ्नं ग्राहि दीयनम् । मिनग्धोप्ण दाडिमं हृद्य कफिपत्ताविरोधि च ॥ १॥ Dādima (Pomegranate)

 $D\bar{a}dima$  is sour, astringent, sweet, alleviator of  $v\bar{a}yu$ , constipative, stimulant of digestion, unctuous, hot and cardiac tonic. It does not aggravate kapha and pitta.

द्विविध तत्त् विज्ञेय मधुर चाम्लमेव च । त्रिदोपत्त तृ मधुरमम्ल यातकफापहम् ॥ २ ॥' [माधवद्रव्यगुण. फलवर्ग २१ : १-२]

It is of two types viz., sweet and sour. The sweet variety alleviates all the three doyas and the sour variety alleviates  $v\bar{a}yu$  as well as kapha.

भीपं सवालुकं पीलु तृशाशन्यं विकंकतम् । अ प्राचीनामलकं चैव दोपघ्नं गरहारि च ॥ ३॥

## Nīpa etc.,

Nīpa, vāluka, pīlu, tṛṇaśūnya, vikankata and prācīnāmalaka alleviate doṣas and cure viṣa (poisoning).

कर्कन्धुकोलबदरमम्ल वानकफागहम् ।

Karkandhu, Kola & Badara (Jujuba fruit)

Karkandhu, kola and hadara are sour and they alleviate vāpu as well as kapha.

पक्वं पित्तानिनहरं स्निग्धं समधुरं सरम् ॥ ४॥

Ripe fruits alleviate pitta and vāyu. They are unctuous, sweet and laxative.

पुराणं तृट्प्रशमनं श्रमघ्न लघु दीपनम्।

Dry fruits (purāṇa) alleviate trt (morbid thirst) and śrama (physical fatigue). They are light and digestive stimulant.

रक्तिकरं बाल पिनकृद्द्वक सरम् ॥ १॥

Tender fruits cause rakta pitta (a disease characterised by bleeding from different parts of the body). They vitiate pitta. The matured fruits are laxative

हद्य वर्ण धर रच्यमाम्रजुकबलप्रदम् ।

जिल्लाचिरोधि वातध्य उत्त्रमाम्र सरग्र ॥ ६॥'

[माधवद्रव्यगुण फलवर्ग २१: १०-१३]

क्षणागानुरस बिह्निज्लेष्मगुक्रविवर्द्धनम् ।

Ämra (Mango)

Amra is cardiac tonic. It promotes complexion, appetite, semen and strength. It does not aggravate pitta and alleviates vāyu.

The ripe āmra is laxative and heavy. It is astringent in

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auurasa (subsidiary taste). It increases digestive power, kapha and semen.

तदेव वृक्षके पक्वं गुरु वातहरं परम्।। ७।।
मध्रुगम्लं सरं किञ्चिद्भवेन्पित्तप्रकोपणम् ।

Amra which has become ripe in the tree itself is heavy and it is an excellent alleviator of vāyu. It is sweet, sour and slightly laxative. It slightly aggravates pitta.

7 8 ग्राम्न कृत्रिमपक्व यत्तद्भवेत्पित्तनाशनम् ॥ ८ ॥' भावप्रकाशः श्राम्रादिफलवर्गे ७ : ५-७]

Amra which is ripened by artificial means alleviates pitta.

'शुष्काम्रं सकषायाम्लं भेदनं कफवातकृत् ।' [माधवद्रव्यगुणः फलवर्ग २१:१५]

Dry mango is astringent, sour and purgative. It aggravates kapha and vāyu.

9
"च्ित तत्पर रुच्य बलवीर्यकर लघु ।
शीतलं शीघ्रपाकि स्याद्वातिपत्तहरं सरम् ॥ ६॥

If ripe āmra is taken by sucking (coṣaṇa), then it is appetiser, promoter of strength and energy, light and cooling. It gets digested early. It alleviates vāyu and pitta. It is laxative.

तद्रमो गालिनो बन्यो गुरुवीनहरः सरः । 10 स्रहृद्यम्यर्गणोऽतीव वृंहणः कफवर्द्धन ।। १०॥

The juice extracted out of it is a promoter of strength, heavy, alleviator of  $v\bar{a}yu$ , laxative, ahrdya (which is not cardiac tonic), exceedingly tarpaṇa (refreshing), nourishing and aggravator of kapha.

तत्सखण्ड गुरुपरं रोचनं चिरपाकि च । मधुर बुहण बन्य शीतल वाननाशनम् ॥ ११॥

Along with sugar, the mango juice becomes very heavy. It is an appetiser. It gets digested very late. It is sweet, nourishing, strength promoting, cooling and alleviator of vāyu.

'वानिपित्तहर रूच्य बृहण अलबद्धंनम् । वृष्य वर्णकरं स्वादु दुग्धास्त्रं गुरू शीनलम् ॥ १२ ॥' [माधवद्रव्यगुणः फलवर्ग २१ १४]

Along with milk, the mango juice alleviates vāyu and pitta. It is appetiser, nourishing, strength promoting, aphrodisiae, promotor of complexion delicious, heavy and cooling.

11
मन्दानलन्त्र विषमज्वर च र्क्तामय बद्धगृदोदर च ।
श्राम्त्रातियोगो नयनामयं वा करोनि नम्मादिन तानि नाद्यात् ॥१३॥
12
एतदम्लाम्त्रविषयं मधुराम्रपर न नृ ।
13
मधुरस्य परं नेत्रहितत्वाद्या गुणा यतः ॥ १४॥"

[भावप्रकाशः श्राम्रादिफलवर्गं ३ : ८-१३]

Mango used in large quantities causes mandānala (suppression of the power of digestion), viṣama jvara (irregular fever), raktāmaya (diseases of blood) haddhagudodara (obstinate type of abdominal disease caused by obstruction in the rectum) and eye diseases. Therefore, one should not consume mango in excess. This description relates to sour variety of mango and does not apply to sweet variety of mango because the latter is exceedingly useful for eyes and in similar other conditions.

<sup>14</sup> 'स्रतोदुग्धानुपानं स्यादाम्राणामतिभक्षणे । जीरक वा प्रयोक्तव्यं सहसौवर्चलन च ॥ १५॥

If mango is to be used in excess then milk should be used after it as anupāna. It can also be taken with jīraka or sauvarcala type of salt.

15 पक्वस्य सहकारस्य कटे विस्तारितो रसः । धर्मेशुप्को मृहुर्दन **श्राम्नावर्त इ**तिस्मृतः ॥ १६ ॥

Āmrāvarta

If the juice of ripe mango is spread over a thick piece of cloth and made to dry in sun by repeatedly adding additional quantity of juice, then this is called āmrāvarta.

16 ग्राम्रावर्तस्नृथार्छादवातिपत्तहर. सर: । 17 18 रुच्यः सूर्यार्शुभि. पाकी लघुरच परिकीतितः ॥ १७ ॥

It alleviates trsa (morbid thirst), chardi (vomiting),  $v\bar{a}yu$  and pitta. It is laxative and appetiser. If it is dried in the sun's rays, then it becomes light.

आम्मबीजं कषाय स्याच्छर्द्यतीसारनाशनम् । ईपदम्लं च मधुरं तथा हृदयदाहनुत् ॥ १८॥' [भावप्रकाशः श्राम्नादिफलवर्गं ७ : १४-१७]

Āmru bīja

The seed of mango is astringent. It cures *chardi* (vomiting) and *atisāra* (diarrhoea). It is slightly sour and sweet. It cures *hṛdaya dāha* (burning sensation in the chest).

'**आम्नात**मम्लं वातष्टनं गुरूष्णं रुचिक्रत्सरम् । *Āmrātaka* (Hog plum)

Āmrāta is sour, alleviator of vāyu, heavy, hot, appetiser and laxative.

19 26 पक्तं तुत्वर स्वादुरसपाक हिमं मनम् ॥ १६ ॥ 21 नर्पण [क्लेष्मल] स्निग्ध यृथ विष्टम्स बृहणम् । गुरु बल्य महोत्पत्तक्षतदाहक्षयास्त्रात्रत् ॥ २० ॥

[भावप्रकाशः ग्राम्नादिफलवर्गं ७ : १६-२०]

The ripe fruit is astringent, sweet in taste and vipāka, cooling, refreshing, aggravator of / apha, unctuous, aphrodisiac, constipative, nourishing, heavy and strength promoting. It alleviates vāyu and puta. It cures kṣata (phthisis), dāha (burning syndrome), kṣaya (consumption) and vitiation of blood.

भूक विष्टम्भ ल**कुच** दोषल शुक्रद्घणम् । *Lakucu* (Monkey fruit)

Lakuca is heavy, wind forming in the stomach and aggravator of doşas. It vitiates semen.

श्रमल तृष्णाहर रुच्य भनकृष्कर**मदंकम्** । २१ ॥ मिधवद्रव्यगणः फलवर्ग २१ : **१**६]

Karamardaka (Carissa carandus Linn.)

Karamardak a is sour and it cures  $t_f \circ \bar{a}$  (morbid thirst). It is appetiser and it aggravates pitta.

भ्रम्सवेतसमन्यम्लं नाक्षण स्नग्ध च दीपनम् । [माधवद्रव्यगुण फलवगं २१: प्रक्षिप्तपाठः]

Amlavetasa (Garcinia pedunculata Roxb.)

Amlavetasa is exceedingly sour. It is sharp, unctuous and digestive stimulant.

वातापहं तिन्तिडोकं आमिपत्तबलासकृत्।। २२ ॥

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## Tintidīka (Rhus parviflora Roxb.)

Tintiqīka alleviates vāyu and produces āma, pitta as well as kapha.

24 ग्राह्यप्ण दीपनं हृद्यं मृपक्वं कफ्बातनुत् ।

Fully matured fruit of it is constipative, hot, digestive stimulant, cardiac tonic and alleviator of kupha as well as vāyu.

श्चिम्तिकायाः फलं पक्वं तद्वद्भेदि तु केवलम् । तम्मादल्पान्तरगुणं कोशास्रफलमुच्यते ॥ २३॥' [माधवद्रव्यगण: फलवर्ग २१: २०-२१]

Amlıkā and Kośāmra (Tamarindus indica Linn. & Schleichera oleossa Merr.)

The ripe fruit of  $amlik \bar{a}$  has all the properties of tintidika. In addition, it is a purgative.

Kośāmra is slightly inferior in quality.

'ऐरावतं दंतशठमम्लं शोणितपित्तकृत् ।

Airāvata and Dantasatha

Airāvata and dantaśatha are sour and they cause śonita pitta (a disease characterised by bleeding from different parts of the body).

मृगन्धि मधुरं चाम्ल विशद भक्तरोचनम् । दुर्जरं वातशमन नारंगस्यफलं गुरु ॥ २४ ॥

[माधवद्रव्यगुणः फलवर्ग २१: २३-२४]

# Nāranga (Orange)

The fruit of nāranga is fragrant, sweet, sour, viśada (non-slimy), appetiser, difficult of digestion, alleviator of vāyu and heavy.

# 'निबूकसम्ल वातघ्न पाचन दीपनं लघु। Nimbūka (Lime fruit)

Nimbūka is sour, alleviator of vāyu, carminative, digestive stimulant and light.

राजनिब्फलं स्वादु गृह । यत्तमर्मार्गजन् । 25 तृष्णाञ्चलककोत्तनेशर्छिदश्वामनिवारणम् ॥ २५ ॥

## Răja nimbū

The fruit of rājunimbū is sweet and heavy. It alleviates pitta and vāyu. It cures tṛṣṇā (morbid thirst), śūla (colic pain), kaphotkleśa (salivation), chardı (vomiting) and śvāsa (asthma).

वातक्लेष्मविवन्धव्त **जंबीरं** गुरु वित्तकृत् ।' [माधवद्रव्यगुण फलवर्ग २१: ३२-३३]

Jambīra (Citrus limon Linn. Burm. f.)

Jambīra alleviates vāyu and kapha and relieves constipation. It is heavy and it aggravates pittu.

करणं कफवातामदोषघ्न पित्तकोषनम् ॥ २६॥

|माघवद्रव्यगुणः फलवर्ग २१: ३७]

# Karuna

Karuna alleviates kapha, vāyu and āmadoṣa. It aggravates pitta.

कासश्वासाकित्वहरं नृष्णाहृन्कण्ठशोधनम् ।
लघ्वम्लदीपनं हृद्य मातुलुंगमुदाहृनम् ॥ २७ ॥

Mātulunga (Citron)

Mātulungu cures kāsa (bronchitis), śvāsa (asthma), aruci (anorexia) and tṛṣṇā (morbid thirst). It cleanses the throat. It is light, sour, digestive stimulant and cardiac tonic.

त्विक्तिक्ता दुजरा तस्य वातकृमिविषापहा । स्वादु शीतं गुरु हिममाम मास्तिपिनजित् ॥ २८ ॥

#### Tvaktiktā

Fraktikā is difficult to digest. It alleviates  $v\bar{a}yu$  and cures l.rmi (parasitic infection) as well as viṣa (poisoning). It is sweet, cooling and heavy.

The unripe fruit of it is cooling and it alleviates *vāyu* and *pitta*.

मेध्य शूलानिलर्छादकफारोचकनाशनम् । दीपनं लघु संप्राहि गुल्मार्शोघ्न तृ केश्वरम् ॥ २६ ॥

#### Kesara

Keśara promotes intellect. It cures śūla (colic pain), vitiation of vāyu, chardı (vomiting) vitiation of kapha and arocaka (anorexia). It is digestive stimulant, light and constipative. It cures gulma (phantom tumour) and arśas (piles).

एवं प्रकारा विज्ञेया वृष्या च मधुकर्कटी । शूलाजीर्णविवन्धेषु मन्देशनी कफमार्कत ।। ३०॥

Madhu karkatī (Sweet lime)

Madhu karkațī shares the properties of kesara. In addition, it is aphrodisiac. It cures śūla (colic pain), ajīrna (indigestion) and vibandha (constipation). It is useful in suppression of the power of digestion and in vitiation of kapha as well as vāyu.

श्ररुचिश्वासकासेष् रसस्तस्योपदिश्यते ।

Its juice is indicated in aruci (anorexia), śvāśa (asthma) and kāsa (bronchitis).

'कषायं मधुरं पाके श्लेष्मलं गुरु शीतलम् ।।३१ ॥ 26 कपित्यमामं कण्ठन्नं विशदं ग्राहि वातलम् ।

### 27 मधुराम्लकषायत्वात्मौगन्घ्याच्च कचिप्रदम् ॥ ३२ ॥

# Kapittha (Wood apple)

The unripe fruit of *kapittha* is astringent, sweet in *vipāka*, aggravator of *kapha*, heavy and cooling. It causes impairment of the throat. It is *viśa la* (non-slimy), constipative and aggravator of *vāyu*. In view of its sweet, sour and astringent tastes and fragrance, it is an appetiser.

तदेव पत्रव दोषक्त विद्यदं ग्राहि गुर्वेषि ।' [माधवद्रव्यगुणः फलवर्ग २१ : ४०-४२]

The ripe fruit of kapittha alleviates doşas. It is visada (non-slimy), constipative and heavy.

जांबवं वानल स्थ ग्राहि पित्तकफापहम् ॥ ३३॥

# Jambu (Jamun fruit)

Jamhu aggravates vāyu It is un-unctuous and constipative. It alleviates pitta and kapha.

> 28 कपाय **तिन्दुकं** स्वादु गुरु पित्तकफावहम् ।

Tinduka (Diospyros tomentosa Roxb.)

Tinduka is astringent, sweet and heavy. It aggravates pitta and kapha.

वार्तापत्तहरं वृष्य प्रियालं गुरु शीतलम् ॥ ३४ ॥

Priyāla (Buchanania lanzan Spreng.)

Priyāla alleviates vāyu and pitta. It is aphrodisiac, heavy and cooling.

29 'कषायमधुरं साम्लं नातिमास्तकोपनम् ।' वातलं [?] कफिपत्तध्नं विद्यात्मपंटिकं फलम् ॥३४॥'

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# Parpațika (Physalis minima Linn.)

The fruit of parpaţika is astringent, sweet and sour. It aggravates vāyu but not in excess. It also aggravates kapha and piita.

'सिरीवृक्षफल तेपा गुरु विष्टिम्भि शीतलम् ।

कषायमधुर साम्ल नातिमान्तकोपनम् ॥ ३६ ॥'

[स्थातः सत्र ४६ : १६५]

#### Ksirī

The fruit of  $k \sin \bar{t}$  tree is heavy, wind forming in stomach and cooling. It is astringent, sweet and sour. It does not aggravate  $v \bar{a} y u$  in excess.

31 'विष्टभि मधुर रिनन्ध फल्गु संतर्पण गुरु ।' [सुश्रुत: सूत्र ४६:१७१]

# Phalgu (Ficus hispida Linn. f.)

Phalgu is wind forming, sweet, unctuous, refreshing and heavy.

बिंबीफलं च पित्तासृक्कासश्वासक्षयापहम् ॥ ३७ ॥

Bimbī (Coccinia indica W. & A.)

The fruit of  $bimb\bar{i}$  alleviates pitta as well as blood and cures  $k\bar{a}sa$  (bronchitis),  $\dot{s}v\ddot{a}sa$  (asthma) and  $k\,saya$  (consumption).

शमीफलं गुरु स्वादु स्क्षोष्ण केशनाशनम् । Samī (Prosopis spicigera Linn.)

The fruit of *śamī* is heavy, delicious, un-unctuous and hot. It causes the hair to fall.

'मृद्रीका मघुरा स्निग्धा शीता वृष्यानुलोमनी ॥३८॥

# रक्तापनज्बरद्वामन्ष्णादाहक्षयापहा

#### Mṛdvikā (Vitis vinifera Linn.)

Mṛdvīkā is sweet, unctuous, cooling, aphrodisiac and laxative. It cures rakta pitta (a disease characterised by bleeding from different parts of the body), jr. ra (fever). ś.āsa (asthma), tṛṣṇā (moibid thirst), dāha (burning syndrome) and kṣaya (consumption).

# बाक्षा गोस्तिनिका तहद्गृयीं वृत्या कफापटा ॥ ३६॥ | | माधवद्रव्यग्ण फलवर्ग २१ : ३५-३६]

The gostani type of  $dr\bar{a}k\bar{s}\bar{a}$  shares all the above mentioned properties. In addition, it is heavy, approximate and alleviator of kapha.

It has another variety which is without seeds. This is smaller in size. It shares all the properties of gostani type of drākṣā.

Drākṣā which grows on hills is light and sour. It produces kapha and causes amla pitta (hyperacidity in stomach).

4 35 'ग्रामास्तु सर्वा द्राक्षा स्यु वित्रज्ञेरमध्कोषणाः ।

All green drāk vāv aggravate pitta and kapha.

[माधवद्रव्यगण फलवर्ग २१: ३७,३८-३६]

# Drākṣā, Karīra etc.,

The sour variety of drākṣā, karīra, karkandhu, badara, āruka and paruṣaka aggravate kapha and pitta. The sweet variety among them alleviates pitta.

# Kadalī (Musa paradisiaca Linn.)

Kadalī is sweet, cooling and wind forming. It aggravates kapha. It is unctuous. It alleviates pitta and blood. It cures dāha (burning syndrome), kṣata (phthisis) and kṣaya (consumption). It alleviates vāyu.

रूक्षं गुरु हिमं पक्व स्वादुपित्तानिलापहम्।

The unripe  $kadal\bar{\imath}$  is un-unctuous, heavy and cooling. The ripe  $kadal\bar{\imath}$  is sweet and it alleviates pitta and  $v\bar{a}yu$ .

38
"ह्दां मूत्रविबन्धस्न पित्तामृग्वातनाशनम् ।
केश्यं रसायनं मेध्यं काश्मर्यफलमुच्यते ॥ ४४॥'
[माधवद्रव्यगुण फलवर्ग २१: ५५-५६]

# Kāśmarya (Gmelina arborea Linn )

The fruit of  $k\bar{a}smaya$  is cardiac tonic. It relieves retention of urine. It alleviates pitta, blood and  $v\bar{a}yu$ . It is promoter of good hair, rejuvenating and promoter of intellect.

'क्षतक्षयापहं हद्यं बृहणं तर्पणं गुरु ।''

[सुश्रुतः सूत्र ४६: १८४-१८५]

40 41

स्निग्ध वृष्य च मधुर खर्जूरं रक्तपित्तजित् ।। ४५ ।।'

[माधवद्रव्यगुणः फलवर्ग २१: ४५]

# Kharjūra (Phoenix Sylvestris Roxb.)

Kharjūra cures to ta (phthisis) and ksava (consumption). It is cardiac tonic, nourishing, refreshing heavy, unctuous, aphrodisiac and sweet. It cure rakto pitta (a disease characterised by bleeding from different parts of the body).

# Kharjūrī (Phoenix dactylifer Lina,)

Kharjūrī is like the udder of a cow. It has come to this country from other islands. In the western part of this country it is called  $s\bar{a}khar\bar{i}k\bar{a}$ .

Another variety of it is called pinda kharjūrīkā and it grows in that country also. The third variety is very small in size and it grows everywhere.

All these three varacties of kharjūrī are cooling and sweet both in taste and upāka. They are unctuous, appetiser and cardiac tonic. They cure ksata (phthisis) and kṣaya (consumption). They are heavy and nourishing. They cure rakta pitta

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(a disease characterised by bleeding from different parts of the body). They cause corpulence and wind formation in the stomach. They produce more of semen, wind in the colon and strength. They alleviate external vāyu and kapha. They cure jvara (fever), abhighāta (injury), kṣut (morbid hunger), tṛṣṇā (morbid thirst), kāsa (bronchitis), śvāsa (asthma) mada (intoxication), mūrchā (fainting), vitiation of vāyu as well as pitta, madātyaya (alcoholism) and vitiation of blood.

51 ताभ्यामल्पगुण ज्ञेयमल्पखर्जूरिकाफलम् ।

The fruit of  $kharj\bar{u}r\bar{i}k\bar{a}$  which is smaller in size is inferior in quality in comparison with others.

52 खर्जूरिकावृक्षतोय मदिपत्तकरं मतम् । वातश्लेष्महरं रुच्यं दीपनं बलशुक्रकृत्'।। ५१।। [भावप्रकाशः श्राम्रादिफलवर्गं ७ : ११७-१२१]

The juice of the tree of  $kharj\bar{u}rik\bar{a}$  causes mada (intoxication) and aggravation of pitta. It alleviates  $v\bar{a}yu$  and kapha. It is appetiser, digestive stimulant and promoter of strength and semen.

तन्मज्जामूर्ध्दं जःशीतो वृष्यः पित्तास्रदाहजिन् ।

The pith  $(majj\bar{a})$  of this tree from the top of the trunk is cooling, aphrodisiac and alleviator of *pitta* as well as blood. It cures  $d\bar{a}ha$  (burning syndrome).

'मध्कपुष्पं मधुर शीतल गुरु वृहणम् । 54 बलशुक्रकर प्रोक्तं पित्तमारुतनाशनम् ॥ ५२ ॥

Madhūka (Madhuca indica J.F. Gmel.)

The flower of  $madh\bar{u}ka$  is sweet, cooling, heavy and nourishing. It promotes strength and semen and alleviates pitta as well as  $v\bar{a}yu$ .

55 फलं शीतं गुरु स्वादुः शुक्रलं वातिपत्तिजित् । 56 श्रहृद्यं हन्ति तृपास्रदाहृश्वासक्षतक्षयान् ॥ ५३॥

[भावप्रकाशः ग्राम्रादिफलवर्गं ७ : ६६-६७]

Its fruit is cooling, heavy and sweet. It increases semen and alleviates  $v\bar{a}yu$  as well as pitta. It is not good for the heart. It cures  $trs\bar{a}$  (morbid thirst), vitiation of blood,  $d\bar{a}ha$  (burning syndrome),  $sv\bar{a}sa$  (asthma), svata (phthisis) and svava (consumption).

'अत्यम्लमीषन्मधुरं कषायानुरसं लघु ।
वातघ्नं पित्तजननमामं विद्यात्परूषकम् ॥ ५४॥

Pariişaka (Grewia asiatica Linn.)

The unripe  $par\bar{u}$  saka is extremely sour, slightly sweet, astringent in anurasa (subsidiary taste) and light. It alleviates  $v\bar{a}yu$  and aggravates pitta.

तदेवपक्वं मधुर वातिपत्तिवर्ह्णम् ।' [सृश्रुतः सूत्र ४६: १७१-१७२]

The ripe  $par\bar{u}saka$  18 sweet and it alleviates  $v\bar{a}yu$  as well as pitta.

वातहा पित्तहा वृष्यः कृमिहा कुष्ठनाशनः । रक्तपित्तहरः स्वादुस्ताल सप्तगुणः स्मृतः ।

# Tāla (Borassus flabellifer Linn.)

Tāla alleviates vāyu and pitta. It is aphrodisiac. It cures kṛmi (parasitic infection), kusṭha (obstinate skin diseases including leprosy) and rakta pitta (a disease characterised by bleeding from different parts of the body). It is sweet. These are its seven attributes.

5/ 'तद्वीजं स्वादुपाकं च मूत्रलं वातपित्तजित् ॥ ५५ ॥'

[सुश्रुतः सूत्र ४६ : १७६]

The seed of tāla is sweet in vipāka. It is diuretic and it alleviates vāyu and pitta.

53 'पक्वं तालफलं पित्तरक्तश्लेष्मविवर्द्धनम् । 59 दुर्जर वहुमूत्रं च तन्द्राभिष्यन्दशुक्रदम् ॥ ५६॥

The ripe  $t\bar{a}la$  fruit aggravates pitta, blood and kapha. It is difficult of digestion and is exceedingly diuretic. It causes  $tandr\bar{a}$  (drowsiness) and abhisyanda (obstruction to the channels of circulation). It produces more of semen.

60 तालमज्जा तु तरुणः किञ्चिन्मदकरो लघुः । श्लेष्मलो वातिपत्तिष्नः सस्नेहो मधुरः सरः ।। ५७ ॥

The pulp of tender  $t\bar{a}la$  is slightly intoxicating and light. It aggravates kapha and alleviates  $v\bar{a}yu$  and pitta. It is unctuous, sweet and laxative.

नालजं तरुण तोयमतीव मदक्रन्मतम् । 61 ग्रम्लीभूत यदा तत्स्यात्पित्तकृद्वातदोषनुत् ॥ ५८ ॥' भावप्रकाशः श्राम्रादिफलवर्गं ७ : ५३-५५

The water of the tender  $t\bar{a}la$  is exceedingly intoxicating. When it becomes sour, then it aggravates pitta and alleviates  $v\bar{a}yu$ .

तालस्य मस्तक स्वादुः वस्तिशुद्धिकरं परम् ।

The head of the trunk of this tree is sweet and it cleanses the urinary bladder.

'नालिकेरफल जीत दुर्जर वस्तिशोधनम् ।

62 विष्टम्भिबृंहणं वल्यं वातिपत्तास्रदाहिजत् ॥ ५६ ॥'

भावप्रकाश ग्राम्रादिफलवर्ग ७:३६]

# Nārikela (Coconut)

The fruit of  $n\bar{a}rikela$  is cooling and difficult of digestion. It cleanses the urinary bladder and causes wind formation in the stomach. It is nourishing and strength promoting. It alleviates  $v\bar{a}yu$ , pitta and blood. It cures  $d\bar{a}ha$  (burning syndrome).

बालस्य नालिकेरस्य जलं प्रायो विरेचनम् । नालिकेराम्बु तरुणं तृष्णाद्दनं पित्तनाशनम् ॥६०॥

The water of the tender coconut is generally purgative. It cures tṛṣṇā (morbid thirst) and alleviates pitta.

'पनसं शीतल पत्रवं स्निग्ध पित्तानिलापहम् ।

तर्पण बृंहण स्वादु मासलं ख्लेष्मलं भृशम् ।

63

वन्य शुक्रप्रद हन्ति किपित्तक्षतक्षयान् ।। ६१।।

# Panasa (Jack fruit)

The ripe fruit of panasa is cooling and unctuous. It alleviates pitta and vāyu. It is refreshing, nourishing, delicious and promoter of muscle tissue. It aggravates kapha in excess. It promotes strength and semen and cures rakta pitta (a disease characterised by bleeding from different parts of the body), ksta (phthisis) and kṣaya (consumption)

श्राम तदेव विष्टम्भि वानन नृवर गुरु । 64 65 दाहकुन्मधुर वल्य कफमेदोविबर्द्धनम् ॥ ६२॥

The unripe fruit of panasa is wind forming, aggravator of  $v\bar{a}yu$ , astringent and heavy. It causes burning sensation. It is sweet and strength promoting. It increases kapha and fat.

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66 पनसोत्थानि बीजानि वृष्याणि मधुराणि च । 67 गुरूणि वद्धवर्चासि सृष्टमूत्रानिलानि च ॥ ६३॥'

[भावप्रकाशः ग्राम्रादिफलवर्गं ७ : २४-२८]

The seeds of panasa are aphrodistac, sweet and heavy. It causes retention of stool and helps in the elimination of urine and flatus.

'मज्जा तस्यापि पित्तच्नो वृष्यः श्लेष्मानिलापहः। 68 विशेषात्पनस वर्ज्यं गुल्मिभिः दुर्बलाग्निभिः॥ ६४॥'

Its pulp alleviates *pitta*. It is aphrodisiac. It also alleviates *kapha* and *vāyu*. Persons who are suffering from *gulma* (phantom tumour) and those having poor power of digestion should specifically avoid *panasa*.

'मोचं स्वादुरसं प्रोक्तं कषायं नातिशीतलम् । रक्तपित्तहर वृष्य रुच्य श्लेष्मकरं गुरु ॥ ६५ ॥'

[माधवद्रव्यगुणः फलवर्ग २१: ५१]

# Moca (Musa paradisiaca Linn. Var. sapientum Kuntze)

Moca is sweet in taste and astringent. It is not cooling in excess. It cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is aphrodisiac, appetiser, aggravator of kapha and heavy.

'श्लेष्मल मधुर शीत श्लेष्मातकफलं गुरु ।'
[माधवद्रव्यगुणः फलवर्ग २१: ५३]

Ślesmātaka (Cordia myxa Roxb.)

The fruit of ślesmātaka is aggravator of kapha, sweet, cooling and heavy.

70 'पौष्करं स्वादु विष्टम्भि बल्यं कफकरं गुरु।' [माधवद्रव्य गुणः फलवर्गं २१: ५५]

# Puşkara (Lotus fruit)

The fruit of puşkara is sweet, wind forming, strength promoting, aggravator of kapha and heavy.

उदुम्बरफल ग्राहि वातिपत्तिनिवर्हणम् ॥ ६६ ॥ [माधवद्रव्यगुणः फलवर्गे २**१**ः ५८]

# Udumbara (Ficus racemosa Linn.)

The fruit of *udumbara* is constipative and it alleviates  $v\bar{a}yu$  as well as *pitta*.

"मधुर च कषायं च स्निग्धं सग्नाहि वालुकम्।

'स्थिरीकर च दन्ताना विशद फलमुच्यते ॥ ६७ ॥"

[सुश्रुतः सूत्र ४६: १६६]

विपाके मधुर वृष्य रक्तिपत्तप्रसादनम् ।'
[माधवद्रव्यगुणः फलवर्ग २१: ५४]

#### Vāluka

Vāluka is sweet, astringent, unctuous and constipative. It produces sturdiness of teeth and it is viśada (non-slimy). It is sweet in vipāka and aphrodisiac. It cures rakta pitta (a disease characterised by bleeding from different parts of the body).

कषाय तिन्दुक स्वादु गुरु पित्तकफापहम् ॥६८॥
Tinduka (Diospyrus tomentosa Roxb.)

Tinduka 18 astringent, delicious and heavy. It alleviates pitta and kapha.

72 'प्रियालमञ्जा मधुरो वृष्य. पित्तानिलापहः । 318 Materia Medica

# Priyāla (Buchanania lanzan Spreng.)

The pulp of  $priy\bar{a}la$  is sweet and aphrodisiac. It alleviates pitta and  $v\bar{a}yu$ .

73 विभीतको मदकरः कफमारुतनाशन ॥ ६९ ॥

Vibhītaka (Terminalia belerica Roxb.)

The pulp of the seed of  $vibh\bar{\imath}taka$  produces intoxicating effect and it alleviates kapha as well as  $v\bar{a}yu$ .

कषायमधुरो **मज्जा कोलानां** पित्तनादान. ।

Kola (Zizyphus jujuba Lam.)

The pulp of the seed of different types of kola is astringent and sweet. It alleviates pitta.

74 नृष्णाछद्यंनिनध्नश्च तद्वदामलकस्य च ॥ ७० ॥

Āmalaku (Emblica officinalis Gaertn.)

The pulp of the seed of āmalaka cures tṛṣṇā (morbid thirst), chardi (vomiting) and vitiation of vāyu.

बीजपूरकशम्पाकमज्जा कोशाम्रसंभवः ।

स्वादुः पाकेऽग्निवलदः स्निग्ध. पित्तानिलापहः ॥७१॥'

[माधवद्रव्यगुणः फलवर्ग २१: ५८-६१]

Bījapūraka, Šampāka and Kośāmra

The pulp of the seed of bījapūraka, śampāka and kośāmra is sweet in vipāka. It produces digestive power and strength. It is unctuous and it alleviates pitta and vāyu.

'वादाममुख्णं सुस्निग्ध वातध्नं गुरुशुक्रकृत् ।

Vādāma (Almond)

Vādāma is hot, exceedingly unctuous, alleviator of vāyu

and heavy. It promotes semen formation.

वादाममञ्जा मधुरो वृष्यः पित्तानिलापहः ॥ ७२ ॥'
76
स्निग्धोष्णः कफक्वन्नेष्टो रक्तपित्तविकारिणाम् ।
वृंह्णो गुरुरुद्दिष्ट. सुस्निग्धो रुचिवर्धनः ॥ ७३ ॥

The pulp of the seed of  $v\bar{a}d\bar{a}ma$  is sweet, aphrodisiac, alleviator of *pitta* and  $v\bar{a}yu$ , unctuous, hot and aggravator of *kapha* It should not be given to patients suffering from *rakta pitta* (a disease characterised by bleeding from different parts of the body). It is nourishing, heavy and appetiser.

'यस्य यस्य फलस्येह वीयों भवति यादृशम् । तस्य तस्यैव वीर्येण मज्जानमपि निर्दिशेत् ॥ ७४ ॥

# Pulp in general

The pulp of the seeds generally follow the properties of their respective fruits.

78 79
व्याधित कृमियुष्ट च पाकातीतमकालजम् ।
80
वर्जनीय फलं सर्वमपर्यागतमेव च ॥ ७५॥

माधवद्रव्यगुणः फलवर्ग २१: ६५, ६५]

[सुश्रुत: सूत्र ४६: २०५-२१०]

#### **Bad fruits**

Fruits afflicted with diseases and kṛmi (parasitic infection), fruits which are over ripened and which are unseasonal and fruits which are not fully matured should be rejected.

# ॥ इति फलवर्ग ॥

Thus ends the group dealing with different types of fruits.

#### NOTES AND REFERENCES

- 1. कंषामधुरं इति भ्राकरे पाठः।
- 2. शतालुकं इति स्राकरे पाटः।
- 3. गरघाति इति स्राकरे पाठः ।
- 4. पित्तमारुतकृद्बालं पित्तल लघु दीपनम् इति ग्राकरे पाठः।
- 5. रुच्यं मांसशुक्रबलप्रदम् इति स्राकरे पाठः।
- 6. वृक्षसम्पक्वं इति षष्ठपुस्तके पाठः ।
- 7. (क) कृत्रिमपक्वञ्च इति म्राकरे पाठः । (ख) भक्षितं पक्वं इति षष्ठपुस्तके पाठः ।
- 8. विभवित्यननाशनम् इति आकरे पाठः।
- 9, उपित इति स्राकरे पाठः।
- 10. कफवर्धनः इति द्वितीयपुस्तके पाठः।
- 11. मन्दानिलत्वं इति भ्रादर्शपुस्तके पाठः।
- 12. मधुराम्लपर इति म्राकरे पाठः।
- 13. नेत्रहितं त्वाद्या इति भ्राकरे पाठः।
- 14. शुण्ठम्भसोऽनुपान इति स्राकरे पाठ:।
- 15. पटे इति स्राकरे पाठ.।
- 16. स्राम्रावर्त्तं स्तृषाच्छर्दिवातिपत्तहरः इति स्राकरे पाठः।
- 17. पाकाल्लघुरच इति स्राकरे पाठः ।
- 18. स हि कीत्तितः इति ग्राकरे पाठः।
- 19. रसे पाके इति स्राकरे पाठः।
- 20. स्मृतम् इति श्राकरे पाठः।
- 21. श्लेम्ल इनि द्वितीयपुस्तके पाठः।
- 22. त्रिदोषं इति आकरे पाठः।
- 23. तृष्णापह इति स्राकरे पाठः।
- 24. रूक्षं इति ग्राकरे पाठः।
- 25. तृष्णाशूलकफोत्क्लेशच्छिदिश्वासिनवारणम् इति स्राकरे पाठः।
- 26. विषदं इति द्वितीयपुस्तके पाठः ।
- 27. मधुराम्लकषायञ्च सौगन्ध्याच्च इति श्राकरे पाठः ।
- 28. पित्तकफापहम् इति षष्ठपुस्तके पाठः ।

- 29. 'कषायं'''' कोपनम्' पाठोऽयं द्वितीयपुस्तके नोपलभ्यते ।
- 30. क्षीरवृक्षफलं इति द्वितीयपूस्तके पाठः।
- 31. फल्गुजं इति स्राकरे पाठः ।
- 32. वृष्यतमा मता इति ग्राकरे पाठः।
- 33. श्लेष्माम्लिपत्तनुत् इति षष्ठपुस्तके पाठः ।
- 34. सर्वाः इति स्राकरे पाठः।
- 35. पित्तक्लेष्मप्रकोपणाः इति स्राकरे पाठः।
- 36. द्राक्षाकरीरकर्कन्ध्वदराण्याक्काणि इति ग्राकरे पाठः।
- 37. परूषकाणि इति श्राकरे पाठः।
- 38. मुत्रविबन्धजं इति माधवद्रव्यगुणे पाटः ।
- 39. शीतलं इति माकरे पाठः।
- 40. समधुरं इति आकरे पाठः ।
- 41. खार्ज्रं इति ग्राकरे पाठः ।
- 42. परद्वीपादिहागता इति आकरे पाठः।
- 43. साखरिकेति इति षष्ठपुस्तके पाठः।
- 44. पिंडखजूरिका इति द्वितीयपुस्तके पाठः ।
- 45. द्रष्टव्यम् भावप्रकाशः ग्राम्रादिफलवर्ग ७: ११६।
- 46. कोष्ठमारुतहृद्बल्यं इति भ्राकरे पाठः।
- 47. वान्तिवातकफापहम् इति स्राकरे पाठः ।
- 48. ज्वरातिसारक्षुत्तृष्णा इति ग्राकरे पाठः।
- 49. कासश्वासनिवारकम् इति श्राकरे पाठः ।
- 50. मदमूच्छीमरुत्पित्तमद्याद्भूतगदान्तकृत् इति ग्राकरे पाठः।
- 51. महतीभ्यां गुणैरल्पा स्वल्पखर्जूरिका स्मृता इति स्राकरे पाठः।
- 52. वर्जूरीतस्तोयं इति भ्राकरे पाठः।
- 53. भवेत् इति स्राकरे पाठः।
- 54. वातिपत्तविनाशनम् इति ग्राकरे पाठः ।
- 55. वातपित्तनृत् इति आकरे पाठः।
- 56. तृष्णाऽस्रदाहश्वासक्षतक्षयान् इति म्राकरे पाठः ।
- 57. तू इति ग्राकरे प्राटः।
- 58. पित्तश्लेष्मपित्तवबर्द्धनम् इति ग्रादर्शपुस्तके पाठः ।
- 59. तन्द्राऽभिष्यन्दशुऋदम् इति ग्राकरे पाठः।

- 60. किञ्चमदकरो इति ग्राकरे पाठः ।
- 61. तदा तु स्यात्पित्तकृद्वातदोषहृत् इति आकरे पाठः।
- 62. विष्टम्भिर्द्जर इति स्रादर्शपुस्तकेषु पाठः।
- 63. रक्तपित्तक्षतत्रणान् इति ग्राकरे पाठः।
- 64. दाहहूनमधुर इति आदर्शपुस्तके पाठः।
- 65. विवर्धनम् इति द्वितीयपुस्तके पाठः ।
- 66. पनसोद्भृतबोजानि इति श्राकरे पाठ:।
- 67. बद्धबिट्कानि इति श्राकरे पाठ:।
- 68. द्रष्टव्यम् भावप्रकाशः श्राम्रादिफलवर्ग ७ : २६ ।
- 69. वृष्यं इति ग्राकरे पाठः।
- 70. कफहर फलम् इति आकरे पाठः।
- 71. श्रीदुम्बर फल ग्राहि इति श्राकरे पाठ:।
- 72. पियालमज्जा इति म्राकरे पष्ठपुस्तके च पाठः।
- 73. वैभीतको इति स्राकरे पाठः।
- 74. तृष्णाच्छर्द्यं निलघ्नश्च इति स्राकरे पाठः ।
- 75. 'वादाममुष्णं''''पित्तानिलापहः' पाठोऽय षष्ठपुस्तके नोपलभ्यते ।
- 76. 'कफकुन्नेष्टो''' "रुचिवर्धनः' पाठोऽयं षष्ठपुस्तके नोपलभ्यते ।
- 77. वीर्य भवति इति श्राकरे पाठः।
- 78. क्रिमिजुष्ट इति स्राकरे पाठः ।
- 79. प्रतिनीलमकालजम् इति स्रादर्शपुस्तके पाठः।
- 80. सर्वमपर्यागतमेव इति स्नाकरे पाट:।

#### CHAPTER 20

'पत्रं पुष्पं फलं नालं कंदं सस्वेदजं तथा ।
2
शाकं षड्विधमुद्दिष्ट गुरु विद्याद्यथोतरम् ।। १।।

\$\textit{Saka} (Vegetables)

Śāka is of seven types, viz., leaf, flower, fruit, stalk, rhizome and samsvedaja (those produced by moist heat). These are progressively heavy.

प्रायः सर्वाणि शाकानि विष्टम्भीनि गुरूणि च। रूक्षाणि वहुवर्वासि सृष्टविण्मास्तानि च।। २॥

Generally all types of  $s\bar{a}ka$  are wind forming, heavy and un-unctuous. They produce more of stool and help in the elimination of stool and flatus.

चक्षुष्या सर्वदोषघ्नी जीवन्ती मधुरा हिमा ।

Jīvantī (Leptadenia reticulata W. & A.)

Jīvantī promotes eyesight and alleviates all doṣas. It is sweet in taste and cooling.

<sup>8</sup> स्वादुपाकमभिष्यन्दि विषघ्न **तण्डुलीयकम्** ॥ ३ ॥

Tandulīyaka (Amaranthus spinosus Linu.)

Tandulīyaka is sweet in vipāka and abhişyandi (which obstructs the channels of circulation). It cures viṣa (poisoning).

'लघुविपाके कृमिहा मेधाग्निबलवर्द्धन. ।
सक्षारः सर्वदोषघ्नो वास्तुको रोचनः सरः ॥ ४॥

Vāstuka (Chenopodium murale Linn.)

 $V\bar{a}stuka$  is light for digestion. It cures  $k_Imi$  (parasitic infection). It promotes intellect, power of digestion and strength. It is alkaline. It alleviates all dosas and it is appetiser and laxative.

विलिबंस्तुकवज्ज्ञेयाः पालक्या तण्डुलीयवत् । व वातकृद्वद्वविण्मूत्रा रूक्षा पित्तकफे हिता ॥'५॥ [सुश्रुतः सूत्र ४६: २६०-२६१]

# Cili and Pālankya (Chenopodium album Linn. and Spinacea oleracea Linn.)

Cili shares the properties of  $V\bar{a}stuka$ .  $P\bar{a}lankya$  shares the properties of  $tandul\bar{i}yaka$ . In addition it aggravates  $v\bar{a}yu$  and causes retention of stool and urine. It is un-unctuous and is useful in the aggravation of pitta and kapha.

'मधुरः कफवातघ्नः पाचनः कण्ठशोधनः ।

विशेषतः पित्तहरः सतिक्तः कासमर्दकः ॥ ६॥'

[माधवद्रव्यगुणः शाकवर्ग २२ : १-६]

Kāsamardaka (Cassia occidentalis Linn.)

Kāsamardaka is sweet, alleviator of kapha and vāta and

carminative. It cleanses the throat. It specially alleviates pitta and it is bitter in taste.

'काकजंचा विष हन्ति रक्तिपत्तश्रमज्बरान् ।

Kākajaighā (Peristrophe bicalyculata Nees.)

Kākajanghā cures viṣa (poisoning), rakta pitta (a disease characterised by bleeding from different parts of the body), bhrama (giddiness) and jvara (fever).

पथ्या सरा त्रिदोषघ्नी मेथिका वातनाशिनी ॥ ७ ॥

[माधवद्रव्यगुणः शाकवर्ग २२ : ५-६]

Methikā (Trigonella foecum-graecum Linn.)

Methik $\bar{a}$  is wholesome, laxative and alleviator of all the three dosas. It specifically alleviates  $v\bar{a}yu$ .

'त्रिदोषशमनी वृष्या काकमाची रसायनी।' [माधवद्रव्यगुणः शाकवर्ग २२:७]

'नात्युष्णा शीतवीर्या च भेदिनी कुष्ठनाशिनी ॥५॥'

[माधवद्रव्यगुण. शाकवर्ग २२ : ८]

Kākamācī (Solanum nigrum Linn.)

 $K\bar{a}kam\bar{a}c\bar{i}$  alleviates all the three doşas. It is aphrodisiac and rejuvenating. It is not very hot and is cold in potency. It is purgative and it cures kustha (obstinate skin diseases including leprosy).

'ईषत्तिक्तं त्रिदोषघ्न शाक कटु सतीनजम् ।
Satīna (Pisum sativum Linn.)

The  $\dot{saka}$  of  $sat\bar{\imath}na$  is slightly bitter. It alleviates all the three dosas and it is pungent.

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# स्वादुपाकरसं शाक दुर्जरं हरिमन्थजम् ॥ ६॥

#### Harimantha

The śāka of harimantha is sweet in vipāka as well as in taste. It is difficult of digestion.

भेदनं रूक्षमधुरं कालायमितिवातलम् ।

Kalāya (Lathyrus sativus Linn.)

Kalāya is purgative, un-unctuous and sweet. It aggravates vāyu in excess.

राजक्षवकशाक तु त्रिदोषशमनं लघु ॥ १०॥

ग्राहि शस्तं विशेषेण ग्रहण्यशोविकारिणाम् ।

# Rājakşavaka

The śāka of rājakṣavaka, alleviates all the three doṣas. It is light and constipative. It is specifically useful for patients suffering from grahanī (sprue syndrome) and arśas (piles).

10 कषायावहिता पित्ते स्वाद्वतिक्तरसाहिमा ॥ ११ ॥

लघ्वी मण्डूकपणीं च तद्वद्गोजिह्वका मता।

Mandukaparni and Gojihvakā (Centella asiatica Urban and Launaea asplenifolia Hook. f.)

Mandūkaparni is astringent and useful in pitta. It is delicious, bitter in taste, cooling and light.

Gojihvakā has similar properties.

अविदाही त्रिदोषघ्नः संग्राही सुनिषण्णकः ॥ १२ ॥

Sunişannaka (Marsilia minuta Liun.)

Sunişannaka does not produce burning sensation and it alleviates all the three dosas. It is constipative,

ग्रहण्यर्शोविकारष्ट्नी साम्ला वातकफे हिता । उष्णा कषायमधुरा **चांगेरी** चाग्निदीपनी ॥ १३ ॥ *Cāṅgerī* (Oxalis corniculata Linn.)

 $C\bar{a}nger\bar{\imath}$  cures  $grahan\bar{\imath}$  (sprue syndrome) and  $ar\dot{s}as$  (piles). It is sour and useful in the aggravation of  $v\bar{a}yu$  as well as kapha. It is hot, astringent, sweet and digestive stimulant.

रक्तपित्तानिलहरं सतिक्तं कंचटं मतम् ।

Kaṁcaṭa

Kamcața alleviates vitiation of blood, pitta and  $v\bar{a}yu$ . It is bitter.

12 13 कफवातहर ग्राहि **मौदक** तत्प्रकीर्तितम् ॥ १४॥ *Modaka* 

Modaka alleviates kapha and vāyu and it is constipative.

कफापह शाकमुक्तं वरुणप्रपुन्नाटयोः । रूक्षं लघ च शीतं च वातिपत्तिप्रकोपणम ॥ १५ ॥

Varuṇa and Prapunnāṭa (Crataeva nurvala Buch.—Ham. and Cassia tora Linn.)

The śāka of varuṇa and prapunnāṭa alleviates kapha. It is un-unctuous, light, cooling and aggravator of vāyu as well as pitta.

वत्सादनी बिल्वपत्रं श्रेयसी तिलपर्थिप । गण्डीरिक्चत्रकश्चेति शस्यते कफमारुते ।। १६ ॥

Vatsādanī etc.

The śāka of vatsādanī, leaf of bilva, śreyasī, tilaparņī,

gaṇḍīra and ciţraka is useful in the aggravation of kapha and vāyu.

# कालशाकं गरश्लेष्मशोथघ्नं दीपनं कटु ।

# Kālaśāka (Corchorus capsularis Linn.)

Kālašāka cures gara (a type of poisoning), aggravation of kapha and šotha (oedema). It is digestive stimulant and pungent.

# 14 15 वर्षामी कफवातच्नी हितौ शोथोदरार्शिस ।। १७ ।।

# Varṣābhū (Trianthema portulacastrum Linn.)

Both the type of varsābhū alleviate kapha and vāyu and they are useful in śotha (oedema), udara (obstinate abdominal diseases including ascitis) and arśas (piles).

#### 16 दीपनाः कफवातघ्ना**दिचरबिल्वांकुरासनाः ।**

# Cirabilva, Ankura and Asana

The śāka of cirabilva, ankura and asana is digestive stimulant and it alleviates kapha as well as vāyu.

वातिपत्तकरा रूक्षा कटुका रसपाकतः ॥ १८॥
18 19
वेणोः करीरा श्लेष्मघ्नाः कषायाश्च विदाहिनः ।

# Veņu Karīra (Bambusa arundinacea Willd.)

The karīra of veņu aggravates vāyu and pitta. It is ununctuous and pungent both in taste and vipāka. It alleviates kapha. It is astringent and it produces burning sensation.

#### 20 तथा नव्यांकुराण्चापि श्लेष्मिपत्तहरा: समृता: ॥१६॥

Freshly sprouted karīra is kņown to alleviate kapha and pitta.

आटरूषकवेत्राग्रगुडूचीनिम्वपर्पटाः

करातिक्तसहिता रक्तिपत्तकफापहाः ॥ २० ॥

[माधवद्रव्यगुणः शाकवर्ग २२ : ६-२१]

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# Āṭarūṣaka etc.

 $\bar{A}$ ţarūşaka, vetrāgra, guḍūcī, nimba, parpaţa and kirātatıkta alleviate the vitiation of blood, pitta and kapha.

'वार्ताकं कटु तीक्ष्णोष्णं मधुरं कफवातजित् । सक्षारमग्निजननं हृद्यं रुच्यमपित्तलम् ॥ २१॥

Vārtāka (Solanum melongena Linn.)

Vārtāka is pungent, sharp, hot, sweet, alleviator of kapha as well as vāyu, alkaline, digestive stimulant, cardiac tonic and appetiser. It does not aggravate pitta.

तद्वालं कफपित्तघ्नं पक्वं सक्षारपित्तलम् । 23 24 तद्वृद्धं गुरु संशुष्कं कफवातामयापहम् ॥ २२॥

The tender  $v\bar{a}rt\bar{a}ka$  alleviates kapha and pitta. The matured  $v\bar{a}rt\bar{a}ka$  is alkaline and aggravator of pitta. When over matured (brddha) it is heavy. The dried  $v\bar{a}rt\bar{a}ka$  cures the diseases caused by kapha and  $v\bar{a}yu$ .

25 कफमेदोऽनिलहरमत्यल्प लघु दीपनम् । वार्ताक पित्तलं किञ्चिदगारपरिपाचितम् । 26 तदेवं तु गुरु स्निग्धं सतैललवणान्वितम् ॥ २३ ॥

Vārtāka burnt over charcoal reduces kapha, fat and vāyu. It is very slightly light and digestive stimulant. It aggravates pitta. When mixed with oil and salt it becomes heavy and unctuous.

थिनप्रदा मारुतनाशिनी च शुक्रप्रदा शोणितविद्धिनी च।
28
वलासकासक्षयनाशिनी च वार्ताक्रेषा गुणसम्प्रयुक्ता ॥ २४॥

#### Vārtāku

 $V\bar{a}rt\bar{a}ku$  stimulates digestion, alleviates  $v\bar{a}yu$ , promotes semen and blood and cures aggravation of kapha,  $k\bar{a}sa$  (bronchitis) and  $k\bar{s}aya$  (consumption).

कडूकुष्ठकृमिघ्नानि कफपित्तहराणि च । 30 फलानि **बृहतीनां** च कटुतिक्तलघूनि च ॥ २५ ॥

# Bṛhatī (Solanum indicum Linn.)

The fruit of brhatī cures kaṇḍū (itching), kuṣṭha (obstinate skin diseases including leprosy) and kṛmɨ (parasitic infection). It alleviates kapha and pitta. It is pungent, bitter and light.

पटोलपत्रं पित्तघ्त नाल तस्य कफापहम् । 31 फल तस्य त्रिदोषघ्नं मूल तस्य विरेचनम ॥ २६ ॥

# Patola (Trichosanthes dioica Roxb.)

The leaf of patola alleviates pitta. Its stem alleviates kapha. Its fruit alleviates all the three dosas and its root is purgative.

रोचन कफपित्तघ्नमवृष्य **कारवेल्लकम्** ।

Kāravellaka (Momordica charantia Linn.)

Kāravellaka is an appetiser. It alleviates kapha and pitta. Itreduces virility.

अश्व कारवेल्लकवज्ज्ञेयं फल कर्कोटिकस्य च ।। २७ ।। 33 हस्तिककोटिकं तद्वद्गुणैस्तच्च बृहत्फलम् ।

# Karkoțika and Hastikarkoțika

The fruit of karkotika shares the properties of kāravellaka.

Hasti karkoţika has similar properties but its fruits are bigger in size.

34 विषघ्न वन्ध्याककोटि केवुकं कफपित्तजित् ॥२८॥' माधवद्भव्यगणः शाकवर्ग २२ : २३-३१]

Vandhyā karkoţi and Kevuka

Vandhyākarkoţi and kevuka cure vișa (poisoning) and alleviate kapha as well as pitta.

अक्टमाण्डकं च कालिंगककोंटेबिरिडिडिसम् ।
 अक्टितथा त्रपुसचीनाकं विष्टम्भि कफवातिजित् ।। २६ ।।
 भेदि विष्टम्भ्यभिष्यन्दि स्वादुपाकरसं गुरु ।

# Kūşmāndaka etc.

Kūṣmāṇḍaka, kāliṅga, karkoṭi, ervāru, ḍiṅḍisa, trapusa and cīnāka are wind forming, alleviator of kapha and vāyu, purgative, abhisyandi (which obstructs the channels of circulation), sweet in vipāka and taste and heavy.

पित्तनुत्तेषु **कूष्माण्डं** बालं मध्यं कफापहम् ।। ३० ॥' [माधवद्रव्यगुणः शाकवर्गं २२ : ३४-३६]

पक्व लघूष्ण सक्षारदीपन वस्तिशोधनम् । सर्वदोषहर हद्य पथ्य चेतोविकारिणाम् ॥ ३१ ॥

# Kūṣmāṇḍa (Cucurbita pepo F.I.)

The tender  $k\bar{u}$ smānda alleviates pitta. The mature  $k\bar{u}$ smānda alleviates kapha. The ripe  $k\bar{u}$ smānda is light, hot, alkaline and digestive stimulant. It cleanses the urinary bladder and alleviates all doṣas. It is cardiac tonic and wholesome for patients suffering from mental diseases.

<sup>37</sup> 'वर्चोभेदीन्य**लाबुनि** रूक्षशीतगुरुणि च ।

# Alābū (Lagenaria siceraria Standl.)

Different 'types of  $al\bar{a}b\bar{u}$  are purgative, un-unctuous, cooling and heavy.

कट्तुंबी हिमा हृद्या पित्तकासविषापहा ॥ ३२ ॥

# Kaţu tumbī

Kaţu tumbī is cooling and cardiac tonic. It alleviates pitta and cures  $k\bar{a}sa$  (bronchitis) and vişa (poisoning).

38

तपुर्सैर्वारुककारु गुरु विष्टिम्भि शीतलम् ।
39

मुख्यं रूक्षं च त्रपुर्स मूत्रलं त्वितगारुतम् ॥ ३३ ॥
40
सनीलं त्रपुर्सं तेषां कफिपत्तहर स्मृतम् ।
तत्पाण्डु कफक्रुज्जीर्णमम्लं वातकफापहम् ॥ ३४ ॥

# Trapusa, Ervāru & Kakāru

Trapusa, ervāru and kakāru are heavy, wind forming, cooling, delicious and un-unctuous.

# Trapusa (Cucumis sativus Linn.)

Trapusa is diuretic and it exceedingly aggravates  $v\bar{a}yu$ . Trapusa when it is green alleviates kapha and pitta. When it becomes yellowish in colour, it aggravates kapha. When over matured, it becomes sour and it alleviates  $v\bar{a}ta$  as well as kapha.

प्वरिकं तु सम्पक्वं दाहतृष्णाश्रमात्तिनुत् ।
सक्षारिपत्तलं तेषु शीर्णवृन्तं कफापहम् ॥ ३५॥
42
भेदनं दीपनं हृद्यमानाहप्लीहनुल्लघ ।

# Ervāruka (Cucumis utilissimus Roxb.)

The ripe ervāruka cures dāha (burning syndrome), tṛṣṇā (morbid thirst) and śrama (physical fatigue). It is alkaline and aggravator of pitta.

Ervāruka whose stalk is dried up alleviates kapha. It is purgative, digestive stimulant and cardiac tonic. It cures ānāha (flatulence) and plīhan (splenic disorder). It is light.

43 सक्षारमधुरा रुच्या रूक्षा वातकफापहा ।। ३६ ।। 44 ग्रहमरी भेदनी गुर्वी नाडी कृष्माण्डसंभवा ।

# Küşmända nādī

The stalk of knsmanda is alkaline, sweet, appetiser and un-unctuous. It alleviates  $v\bar{a}ta$  as well as kapha and removes  $asmar\bar{i}$  (stone in the urinary tract). It is heavy.

श्रलाबुनालिका गुर्वी मधुरा पित्तनाशिनी । वातरलेष्मकरी रूक्षा शीतला मलभेदिनी ॥ ३७ ॥

[माधवद्रव्यगुणः शाकवर्ग २३: ३७-४३]

# Alābu nālikā

The stalk of Alābu is heavy and sweet. It alleviates pitta and aggravates vāyu as well as kapha. It is un-unctuous, cooling and purgative.

45 'विड्भेदि मधुरास्निग्धा प्रायो विष्टंभि वातला । कफापहा शीततरारुच्यपहा **पटोलिका** ।। ३८ ॥'

# Patolikā (Trichosanthes cucumerina Roxb.)

 $Patolik\bar{a}$  is purgative, sweet, unctuous and mostly wind forming. It aggravates  $v\bar{a}yu$  and alleviates kapha. It is cooler and it cures aruci (anorexia).

'स्वादुपाकरसा वृष्या रक्तिपत्तमदापहा । 48 उपोदिका सरा स्निग्धा बल्या क्लेष्मकरी हिमा ॥३६॥'

[माधवद्रव्यगुणः शाकवर्ग २२ : ४३]

# Upodikā (Basella rubra Linn.)

Upodikā is sweet in  $vip\bar{a}ka$  and taste and aphrodisiac. It cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is laxative, strength promoting, aggravator of kapha and cooling.

'श्रादकस्य च सक्षारं शाकं श्लेष्मकरं गुरु ।'
[माधवद्रव्यगुण शाकवर्ग २२ : ४४]

# Āruka (Prunus domestica Linn.)

Āruka is alkaline, aggravator of kapha and heavy.

<sup>48</sup> 'स्वभावात्पिच्छलः शीतो विष्टम्भी वातकोपकः ॥४०॥ <sup>49</sup> रक्तपित्तहरः स्वाद् **नीरीचः** परिकीर्तितः ।

#### Nīrīca

 $N\bar{u}r\bar{c}a$  is slimy by nature, cooling, wind forming and aggravator of  $v\bar{a}yu$ . It cures rakta pitta (a disease characterised by bleeding from different parts of the body) and is delicious.

मारसो मधुरः शीतो विष्टम्भी गुरु पित्तकृत् ॥४१॥
52
रक्तनीलादयश्चैव तज्जातीयाश्च तद्गुणाः ।

#### Mārusa

Mārusa is sweet, cooling, wind forming, heavy and aggravator of pitta. It has many varieties, viz., red, blue etc. and all of them have the same properties.

53 स्तन्यक्र**च्छीतगुर्वी च स**कषाया **कलवुका** ॥ ४२ ॥

# Kalambuka (Ipomoea reptans Poir.)

Kalambuka promotes lactation. It is cooling, heavy and astringent.

भेदिनी कफिपत्तध्नी कुष्ठध्नी हिलमोचिका ।

Hilamocikā (Enhydra fluctuans Lour.)

Halamocik $\bar{a}$  is purgative. It alleviates kapha and pitta and cures kuṣṭha (obstinate skin diseases including leprosy).

कफपित्तहरस्तिक्तो रोचनो ग्रीष्मसुन्दरः ॥ ४३ ॥

# Grīsma sundara

Grīṣma sundara alleviates kapha and pitta. It is bitter and appetiser.

55 कटुतिक्तरसा हृद्या रोचर्ना वह्निदीपनी । 56 सर्वदोषहरा लघ्वी कंठ्या **मूलकपोतिका** ॥ ४४ ॥

# Műla kapotikā

Mūla kapotikā is pungent and bitter in taste, cardiac tonic, appetiser, digestive stimulant, alleviator of all doṣas, light and promoter of good voice.

मूलकं गुरु विष्टभी तीक्ष्णमामित्रदोषकृत् । 57 [स्नेहसिद्ध] तदेव स्याद्दोषत्रयविनाशनम् । 58 तत्फलं कफपित्तघ्नं तत्पृष्पं कफवातिनत् ।। ४५ ॥

[माधवद्रव्यगुणः शाकवर्ग २२ : ५०-५६]

# Mūlaka (Raphanus sativus Linn.)

 $M\bar{u}laka$  is heavy, wind forming and sharp. It produces  $\bar{a}ma$  and aggravates all the three dosas. When prepared along with fat, it alleviates all the three dosas. Its fruit alleviates kanha and nitta and its flower alleviates kanha and  $v\bar{a}ta$ .

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विष्टम्भि वातलं शाकं शुष्कमन्यत् मूलकात् ।

All types of  $s\bar{a}ka$ , when dried cause wind formation and aggravate  $v\bar{a}yu$ .  $M\bar{u}laka$ , however, is an exception.

59 त्रिबोषध्नमभिष्यन्दि शाकं सर्वपजं गुरु ॥ ४६॥

Sarşapa (Brassica compestris Boiss)

The śāka of sarṣapa alleviates all the three doṣas (?). It is abhiṣyandi (which obstructs the channels of circulation) and heavy.

तथैव **राजिका** तिक्ता तीक्ष्णा **पञ्चांगुलः** सरः ।

Rājikā and Pañcāngula (Brassica nigra Koch, and Ricinus communis Linn.)

 $R\bar{a}jik\bar{a}$  shares the properties of sarṣapa śāka. In addition it is bitter and sharp.

The śāka of pañcāngula is laxative.

सरूक्षमुष्णं कौसुम्भं पित्तक्रुत्कफवातजित्।। ४७॥

Kusumbha (Carthamus tinctorius Linn.)

Kusumbha is un-unctuous and hot. It aggravates pitta and alleviates kapha as well as vāta.

ईषतिक्त समधुर माषपत्रं तु शुक्रलम्।

Māṣa (Phaseolus mungo Linn.)

The leaves of maşa are slightly bitter, sweet and promoter of semen.

82 आहस्तिनी सपत्त्रा मूत्रलाश्मरिनाशिनी ॥ ४८॥

Ahastinī and Pattūrā

Ahastinī and pattūrā are diuretics. They cure asmari (stone

in the urinary tract).

# न्यग्रो**घोदुम्बराश्वत्थप्लक्षपद्मादि**पल्लवाः

64

कषायाः स्तम्भनाः शीता हिताः पित्तातिसारिणाम् ॥४६॥

### Nyagrodha etc.

The leaf of nyagrodha, udumbara, aśvattha, plakṣa, padma etc. is astringent, constipative and cooling. It is useful for patients suffering from paittika type of atisāra (diarrhoea).

# 'छात्रकास्तु पला[ले]क्षुकरोषक्षितिवेणुजाः ।

सर्वे संस्वेदजाः शीताः कषायाः स्वादुपिच्छिलाः ॥५०॥

# Sainsvedaja (Mushroom)

Mushrooms which grow on palāla (straw), ikṣu (sugarcane), karīṣa (cow dung), kṣiti (ground) and veṇu (bamboo) are called samsvedaja. All of them are cooling, astringent, delicious and slimy.

Mushrooms which grow on straw are heavy. They produce *chardi* (vomiting), *atisāra* (diarrhoea), *jvara* (fever) and diseases caused by *kapha*. They are sweet in *vipāka* as well as taste and un-unctuous. They aggravate *doṣas*.

Mushrooms which are white in colour, which grow in clean places or on wood, bamboo and cattle shed are not very injurious. Remaining types of mushrooms should not be used.

71 **72** तद्विकल्पोऽल्पदोषश्च स्थली**गोव्रजसंभवः ।** 

खुखु डक इति ख्यातो वृष्यो बल्योऽथ बृंहणः ।

Another variety of mushroom is called *khukhundaka*. It is less injurious and it grows on the ground and in a cattle shed. It is aphrodisiac, strength promoting and nourishing,

निष्टम्भिनः स्मृताः तर्वे छत्राका वातकोपनाः ॥५३॥
[माधवद्रव्यगुणः शाकवर्ग २२: ५७-६४]

All the mushrooms are known to be wind forming and they aggravate  $v\bar{a}yu$ .

74 75 **पिनाकि**र्वातला साद्री रुचिष्यानिलदीपनी ।

Pināki

Pināki aggravates vāyu. When it is green it is an appetiser and stimulant of digestion.

विदारी वातिपत्तघ्नी वृष्या बल्या रसायनी ॥५४॥

Vidārī (Ipomoea paniculata R. Br.)

Vidārī alleviates vāyu and pitta. It is aphrodisiac, strength promoting and rejuvenating.

शतावरी महाबल्या चक्षुष्या वातिपत्तनुत् । Satāvarī (Asparagus racemosus Willd.)

Satāvarī is an excellent promoter of strength and eyesight. It alleviates vāyu and pitta.

गर महती चैव हृद्या च मेधाग्निबलविधनी ॥ ५५ ॥ ग्रहण्यर्शोविकारच्नी वृष्या बल्या रसायनी ।

The bigger variety is a cardiac tonic and promoter of

intellect, power of digestion and strength. It cures grahanī (sprue syndrome) and arśas (piles). It is aphrodisiac, strength promoting and rejuvenating.

78 79 कासपित्तहरास्तिकास्तस्या **एवांक्**रा मता ॥ ५६ ॥

Its sprouts cure  $k\bar{a}sa$  (bronchitis) and alleviate *pitta*. They are bitter.

80 सरूक्षं विसशालूक क्रौञ्चादनं कसेरकम् । शृंगाटकं गलोद्यं च गुरु विष्टंभि शीतलम् ॥४७॥

Visaśālūka etc.

Visaśālūka, krauñcādana, kaseruka, srngāṭaka and galo-dhya are un-unctuous, heavy, wind forming and cooling.

पौष्कर तु भवेद्वीज रक्तपित्तज्वरापहम् ।

Pauskara (Lotus seed)

The seed of *puṣkara* cures *rakta pitta* (a disease characterised by bleeding from different parts of the body) and *jvara* (fever).

तथा तालप्रलंबं च उरःक्षतरुजापहम् ॥ ५५॥
Tāla pralamba (Borassus flabellifer Linn.)

The inflorescence of tāla cures uraķkṣata (phthisis).

81 82 83 पित्तानिलहरो हृद्यः स्वादुः **मुंजातकः** स्मृतः ।

Muñjātaka (Orchis latifolia Linn.)

Muñjātaka alleviates pitta and vāyu. It is a cardiac tonic and delicious.

84 शंखहस्तीकरक्तांगं मधुपिण्डकशुंगकम् ।। ५६ ॥ 85 शंखाद्यान्यालुकानीह रक्तिपत्तहराणि च । गुरूणि स्वादुशीतानि स्तन्यशुक्रकराणि च ॥ ६० ॥

# Āluka (Dioscorea Sp.)

Śankha, hastīka, raktānga, madhupindaka and śungaka—these are the different types of āluka. They cure rakta pitta (a disease characterised by bleeding from different parts of the body). They are heavy, delicious and cooling. They promote lactation and semen.

<sup>86</sup> **पिंडारुकं** कफकरं गुरु वातप्रकोपणम् ।

Piņdāruka (Colocasia esculenta Schott)

Piņḍāruka aggravates kapha. It is heavy. It also aggravates vāyu.

87 **सुरेन्द्रकन्दः** श्लेष्मध्नो विपाके कट् पित्तकृत् ।। ६**१** ।।

Surendra kanda (Amorphophalus sylvaticus Kunth)

Surendra kanda alleviates kapha. It is pungent in vipāka and it aggravates pitta.

'बल्यः कदल्याः कंदस्त वातपित्तहरः सदा ।'

Kadali kanda (Musa paradisica Linn.)

The rhizome of kadalī promotes strength and it alleviates vāyu and pitta.

माणकं स्वादु शीतं च गुरु चापि प्रकीतितम् ॥६२॥

Mānaka (Alocasia indica Schott.)

Māṇaka is sweet, cooling and heavy.

दीपनः सूरणो रुच्यः कफव्नो विश्रदो लघुः।

'विशेषादर्शसा पथ्यो, भूकन्दस्त्वतिदोषलः ॥ ६३ ॥

#### Sūraņa and Bhūkanda

Sūraṇa is digestive stimulant, appetiser, alleviator of kapha, viśada (non slimy) and light. It is specifically useful for arśas (piles).

Bhū kanda is exceedingly harmful.

भा १९८ अम्लिकायाः स्मृतः कन्दो ग्रहण्यर्शोहितो लघुः।

नात्युष्णः कफवातघ्नो ग्राही शस्तो मदात्यये ।।६४।।

#### Amlikā kanda

The rhizome of  $amlik\bar{a}$  is useful in  $grahan\bar{\imath}$  (sprue syndrome) and  $ar\dot{s}as$  (piles). It is light and not very hot. It alleviates kapha and  $v\bar{a}yu$ . It is constipative and is useful in  $mad\bar{a}tyaya$  (alcoholism).

कुमुदोत्पलपद्मानां कंदा मारुतकोपनाः ।

94
कथायाः पित्तशमना विपाके मधुरा हिमाः ॥ ६५ ॥

#### Kumuđa kanda etc.

The rhizome of kumuda, utpala and padma aggravates vāyu. It is astringent, alleviator of pitta, sweet in vipāka and cooling.

95 97 **मुसली बृ**ंहणी वृष्या वीर्योष्णाशोंऽनिलापहा ।

# Muśalī (Chlorophytum tuberosum Baker)

Muśalī is nourishing, aphrodisiac and hot in potency. It cures arśas (piles) and vitiation of  $v\bar{a}yu$ .

98 **वाराहकन्दः** इलेष्मघ्नः कटुको रसपाकतः ॥ ६६ ॥ 99 100 कुष्ठक्रुमिहरो वृष्यो बलवृर्णविवर्धनः ।

#### Vārāha kanda (Tacca aspera Roxb.)

Vārāha kanda alleviates kapha. It is pungent in taste and vipāka. It cures kuṣṭha (obstinate skin diseases including leprosy) and kṛmi (parasitic infection). It is aphrodisiac and it promotes strength as well as complexion.

तालस्य नालिकेरस्य सर्जूरस्य शिरांसि च ।। ६७ ।।

कषायस्निग्धमधुरं बृंहणानि गुरूणि च ।

102

सृष्टमूत्राणि वृष्याणि जीवनीयप्रदानि च ।। ६८ ।।

103

बलपुस्त्वक्षये कासे रक्तिपित्ते ऽनिले विषे ।

104 105

प्रशस्तानि सदा पुंसां शीतानि रुचिराणि च ।।६६।।

#### Tāla śiras etc.

The top portion of the trunk of  $t\bar{a}la$ ,  $n\bar{a}rikela$  and  $kharj\bar{u}ra$  is astringent, unctuous, sweet, nourishing and heavy. It helps in the elimination of urine. It is aphrodisiac and vitalising. It is always useful for persons who have lost their strength and potency. It cures  $k\bar{a}sa$  (bronchitis), rakta pitta (a disease characterised by bleeding from different parts of the body), vitiation of  $v\bar{a}yu$  and visa (poisoning). It is cooling and delicious.

106 बालं ह्यनार्त्तवं जीर्णं व्याधितं कृमिभक्षितम् । कंदं विवर्जयेत्सर्वं यो वा सम्यक् न रोहति ॥ ७०॥

# **Bad quality**

All rhizomes which are immature, unseasonal, old, diseased, eaten away by parasites and which are not properly grown should not be used.

धान्येपु मांसेषु फलेषु चैव शाकेषु चानुक्तमिह प्रमोहात्। 108 ग्रास्वादतो भ्तगुणैर्गृ हीत्वा तदादिशेद्द्रव्यमनल्पबुद्धिः।।७१।।

#### Miscellaneous

The description of the properties of different type of dhānyas (corns and cereals), mamsa (meat), phala (fruits) and saka (vegetables) which is omitted here by mistake should be determind by the Wise by examining the taste and attributes of mahabhutas in them.

## ।। इति शाकवर्गः ॥

Thus ends the group dealing with different types of vegetables.

## NOTES AND REFERENCES

- 1. 'श्री गणेशाय नमः' पाठोऽयं चतुर्थपुस्तके उपलभ्यते ।
- 2. षडविधं शाकम्दिदष्टं इति ग्राकरे पाठः ।
- 3. स्वाद्पाकमसृक्पित्तविषनुत् इति आकरे पाठः ।
- 4. मेघाग्निबलवर्धन इति आकरे द्वितीयपुस्तके च पाठः।
- 5. चिल्ली वास्तुकवज्ज्ञेया इति आकरे पाठः।
- 6. पित्तकफापहा इति स्राकरे पाठः।
- 7. मध्रा इति द्वितीयपुस्तके पाठः।
- 8. रक्तपित्तविषज्वरान् इति आदर्शपुस्तकेषु पाठः।
- 9. सतीनकम् इति श्राकरे पाठः।
- 10. कषायानु हिता इति ग्राकरे पाठः।
- 11. चाम्ला इति स्राकरे पाठः।
- 12. संग्राहकं वातकरं इति श्राकरे पाठः।
- 13. त्वादकं इति चतुर्थपुस्तके पाठः ।
- 14. वर्षाम्मवौ इति स्रादर्शपुस्तकेषु पाठः ।

- 15. हितौ शोथोदरार्शसाम् इति ग्राकरे पाठः।
- 16. कफवातध्नाश्चिरबिल्वांकुराः सराः इति स्राकरे पाठः ।
- 17. रूक्षाः इति ग्राकरे पाठः -
- 18. करीराः इति आकरे पाठ ।
- 19. सकषाया इति स्राकरे पाठः।
- 20. नालांक्रराश्चान्ये इति ग्राकरे पाठः।
- 21. किराततिक्तसहिता इति श्राकरे पाठः।
- 22 सर्वे पित्तकफापहा. इति ग्राकरे पाठः ।
- 23. तद्रदेव इति श्राकरे पाठः।
- 24. तू इति स्राकरे पाठः ।
- 25. कफमेदोनिलहरमत्यर्थ इति आकरे चतुर्थपुस्तके च पाठ:।
- 26. तदेकं इति ग्रादर्शपुस्तके पाठः ।
- 27. मारुतनाशनी इति आकरे पाठः ।
- 28. बलासकासक्षयनाशनी इति श्राकरे पाठः ।
- 29. वार्ताकिरेषां इति आकरे पाठः ।
- 30. फलीनि इति चतुर्थपुस्तके पाठः।
- 31 पाठोऽयं श्राकरे नोपलभ्यते।
- 32 कारवेल्लकवद्ज्ञेयं इति ग्राकरे पाठः।
- 33. तद्वद् गुणैस्तन् इति ग्राकरे पाठ ।
- 34. वंध्यकर्कोट केवुक इति भ्राकरे पाठ. । विश्वकार्कोटि केबु इति द्वितीयपुस्तके पाठ ।
- 35. कूब्मांडतुम्वकालिगकर्कोटैर्वारुडिडिसम् इति स्राकरे पाठ. ।
- 36 तथा त्रपुसवीज तु रुचिदं कफवातजित् इति स्राकरे पाठः । नथा त्रपुसवानाकचिमिट कफवातकृत् इति चतुर्थपुस्तके पाठः ।
- 37. वर्च्योभेदीन्यलावूनि इति चतुर्थपुस्तके पाठ ।
- 38 त्रपुसैर्वारुक स्वादु इति श्राकरे पाठः।
- 39. मुखप्रियं च रूक्ष च मूत्रल त्रपुस त्वित इति ग्राकरे चतुर्थपुस्तके च पाठ:।
- 40. वाल सनील त्रपुसं तेषा पित्तहर स्मृतम् इति आकरे पाठ.।
- 41. दाहतृष्णाक्लमात्तिनुत् इति आकरे पाठ.।
- 42. हृद्यमानाहाष्ठीलनुल्लघु इति स्राकरे पाठः।
- 43. शीर्णवृन्त लघु स्वादु भेद्युक्त विह्निपित्तकृत्।

# सक्षारमधुरा रुच्या वातिपत्तकफापहा ॥ इति स्राकरे पाठः । (माधवद्रव्यगुणः शाकवर्ग २२: ४१-४२)

- 44. स्थिराविभेदिनी इति द्वितीयपुस्तके पाठः।
- 45. 'विड्भेदमध्रास्निग्धा "पटोलिका' पाठोऽय चतुर्थपुस्तके ग्रधिकम्पलम्यते ।
- 46. उपोदका इति द्वितीयपुस्तके पाठः।
- 47. विषमस्य यवक्षारं सार्षश्लेष्मकर गुरु [?] इति द्वितीयपुस्तके पाठः ।
- 48. स्वभाविपिच्छिलः इति आकरे पाठः ।
- 49. स्वादुर्नाडीचः इति चतुर्थपुस्तके आकरे च पाठः ।
- 50. मातुसो इति चतुर्थपुस्तके पाठ: ।
- 51. पित्तनृद् गुरुः इति आकरे पाठः ।
- 52, रक्तनालादयश्चान्ये इति ग्राकरे पाठः।
- 53. स्तन्यवृष्या च गुर्वी च चतुर्थपुस्तके पाठः । स्तन्या वृष्या च इति श्राकरे पाठः ।
- 54. करबुका इति चतुर्थपुस्तके पाठः।
- 55 कटुतिक्ता सरा इति भ्राकरे पाठः । कटुतिक्तसहा हृद्या इति द्वितीयपुस्तके पाठः ।
- 56. सर्वदोपहरी इति आकरे पाठ.।
- 57. स्निग्धसिद्धं इति द्वितीयपुस्तके पाठः ।
- 58 'तत्कल ' कफ्त्रानजित्' पाठोऽय द्वितीयपुस्तके नोपलभ्यते ।
- 59 त्रिदोपं बह्वभिष्यन्दि इति आकरे पाठः।
- 60. नीक्ष्णा तिक्तः इति श्राकरे पाठः ।
- 61. मापपर्णन्तु इति ग्राकरे पाठ ।
- 62. श्रीहस्तिनी इति ग्राकरे चतुर्थतुस्तकं च पाठः।
- 63. मूत्रलाष्मरीभेदनी इति आकरे चतुर्थपुस्तके च पाठः।
- 64 शीता इति आकरे पाठ.।
- 65. पलाणेक्षुकरीपिक्षितिवेणुजाः इति चतुर्थेपुस्तके पाठः।
- 66. 'छात्रकास्तु ... ... स्वादुपिच्छिला' पाठोऽयं द्वितीयपुस्तके नोपलभ्यते ।
- 67. पलालजाः इति ग्राकरे पाठः ।
- 68. गुद्धस्थली इति आकरे पाठः।
- 69. काप्ठवंशग्रोत्रजसभवाः इति आदर्शपुस्तकेषु पाठ.।
- 70. पाठोऽय चतुर्थपुस्तके नोपलभ्यते ।
- 71. तद्विकल्पोऽल्पदोषाश्च इति आकरे पाठः ।

- 72. 'नातिदोषकरा ' 'स्थलीगोन्नजसंभवः' पाठोऽयं द्वितीयपुस्तके नोपलभ्यते ।
- 73. छत्रका इति ग्राकरे पाठः ।
- 74. पिण्याकी वातला इति ग्राकरे पाठः।
- 75. सान्द्रा इति श्राकरे पाठः ।
- 76. वृष्या शतावरी बल्या इति स्राकरे पाठः ।
- 77. सैव इति आकरे पाठः।
- 78. कफपित्तहरास्तिक्तास्तस्या इति श्राकरे पाठः ।
- 79. स्मृताः इति ग्राकरे पाठः ।
- 80. तरूढिबसशालुककौँचादनकसेरुकम् इति म्राकरे पाठः ।
- 81. पित्तानिलकरो इति द्वितीयपुस्तके पाठः ।
- 82. वृष्यः इति आकरे चतुर्थपुस्तके च पाठः ।
- 83. स्वादुर्मुञ्जातकः इति श्राकरे पाठः ।
- 84. शंखहस्तिकरक्तांगमधुपिण्डकशृंगकम् इति आकरे पाठः।
- 85. षडद्यात्पाण्डुकानाह इति स्रादर्शपुस्तकेषु पाठः ।
- 86. पिण्डालुकं इति आकरे पाठः।
- 87. कटुः इति श्राकरे पाठः ।
- 88. वातपित्तहरक्च इति श्राकरे पाठः।
- 89. 'बल्यः""सदा' पाठोऽयं चतुर्थपुस्तके नोपलम्यते ।
- 90. पित्तं इति ग्रादर्शपुस्तकेषु पाठः ।
- 91. लघुः इति आकरे पाठः ।
- 92. 'विशेषादर्शसां""लघु' पाठोऽय चतुर्थपुस्तके नोपलभ्यते ।
- 93. मारुतकोपनाः इति आकरे पाठः ।
- 94. मध्राः इति म्राकरे पाठः ।
- 95. मुशली इति भ्राकरे चतुर्थपुस्तके च पाठः।
- 96. वीर्योष्णाऽशोंऽनिलापहा इति श्राकरे पाठ: ।
- 97. ग्रस्य क्लोकस्यानन्तरम् 'नीतिक्लेष्मघ्नः पित्तदूषणः ।' पाठोऽयं द्वितीय-पुस्तके अधिकं उपलभ्यते ।
- 98. वराहकंदः इति आकरे पाठः।
- 99. कुष्ठमेहिकिमिहरो वृष्योष्णः पित्तवर्द्धनः इति ग्राकरे चतुर्थपुस्तके च पाठः।
- 100. श्रस्य श्लोकस्यानन्तरम् 'कंदो हिलिन्याः श्लेष्मघ्नः पित्तलो गर्भपातनः' पाठोऽय चतुर्थपुस्तके ग्रधिकमुपलभ्यते ।

- 101. वालस्य इति द्वितीयपुस्तके पाठः।
- 102. जीवन प्रीणनानि च इति स्राकरे पाठः।
- 103. काइयें इति चतुर्थपुस्तके पाठः ।
- 104. रुचिदानि इति श्राकरे पाठः ।
- 105. द्वितीयचतुर्थपुस्तकयोः अत्रैव "इति शाकवर्गः" इति पठितं । अस्य श्लोकस्यानन्तरम् ""परिजीणं च कांमेजुष्टमदेशजं । वर्ज्ययेत्प- त्रशाक च यदकाले प्ररोहि च" पाठोऽयं चतुर्थपुस्तके अधिकं उपलभ्यते ।
- 106. बालं ग्रनार्त्तवं इति चतुर्थपुस्तके पाठः।
- 107. प्रमादात् इति आकरे पाठः।
- 108. समादिशेद् द्रव्यमनल्पबुद्धिः इति आकरे पाठ ।

'षष्टिका यवगोधूमा लोहिता ये च शालयः ।
मुद्गाढकीमसूराश्च धान्येषु प्रवराः स्मृताः ॥ १॥
Dhānya (Corns and Cereals)

Among the corns and cereals, sastika, yava, godhūma. red variety of śāli, mudga, āḍhakī and masūra are the best.

ा एणः कुरंगो हरिणस्तित्तिरिर्लाव एव च । २ 3 मयूरवर्गिकूर्माञ्च श्रेष्ठा **मांस**गुणेषु च ॥२॥

## Māmsa (Meat)

Among different types of meat, the meat of ena, kuranga, harina, tuttiri, lāva, mayūra, vargi (?) and  $k\bar{u}rma$  are the best.

दाडिमामलक द्राक्षा खर्जूरं सपरूषकम् । 4 राजादन मातुलुंगफलवर्गे प्रशस्यते ॥३॥

## Phala (Fruits)

Among different types of fruits dāḍima, āmalaka, drākṣā,

kharjūra, paruṣaka, rājādana and mātulunga are the best.

Among vegetables, canc $\bar{u}$ , satīna, vāst $\bar{u}ka$ , cilla,  $m\bar{u}la$ -kapotikā, maņ $d\bar{u}kapar$ ņ $\bar{i}$  and  $j\bar{i}vant\bar{i}$  are the best.

Among milk and ghee, those derived from the cow are the best.

Among salts, rock salt is the best.

Among sour things, dhātrī and dādima are the best.

Among pungent things pippalī and nāgara are the best.

Among bitter things patola is the best.

Among sweet things ghee is the best,

Among astringent things, honey,  $p\bar{u}gaphala$  and  $par\bar{u}saku$  are the best.

11 शर्करे**क्षुविकारेषु पानजातौ** सुरासवौ ।

## Sugarcane products and Drinks

Among sugar cane products, śarkarā is the best.

Among different types of drinks, surā and āsava are the best.

परिसंवत्सरं घान्यं मांसं वयसि मध्यमे ॥ ७ ॥ 12 अपर्युषितमन्नं तु संस्कृतं मात्रया शुभम् । फलं पर्यागतं शाकमशुष्कं तरुणं नवम् ॥' ८ ॥

[माधवद्रव्यगुणः श्रोष्ठवर्ग २३: १-८]

#### Miscellaneous

Among different types of *dhānya* (corns and cereals), those preserved for one year are the best. The meat of animals in their middle age is the best. Food which is not stale, which is properly prepared and which is taken in proper quantity is the best. Fruit which is matured is the best. The vegetable which is not dried, which is tender and fresh is the best.

'रसेसु मधुरः श्रेष्ठः कंदशाकेषु सूरणः ।

जलेषु दिव्यं मत्स्येषु रोहितः प्रवरो मतः ।

13

तैलेषु तिलजं तैलं श्रेष्ठं प्रोक्तं मनीषिभिः ॥ ६ ॥

Among different types of tastes, the sweet taste is the best. Among the rhizomes  $s\bar{u}rana$  is the best. Among the different types of water, divya (which is directly collected from the sky) is the best. Among different types of fish, rohita is the best. Among the different types of oil, til oil is the best.

## ॥ इति श्रेष्ठवर्गः ॥

Thus ends the section dealing with different types of best articles.

#### NOTES AND REFERENCES

- 1. हरिणः तितिरार्लाव इति ग्राकरे पाठः।
- 2. मयुखमिकूमिश्च इति ग्राकरे पाठः।
- 3. मांसगणेषु इति आकरे पाठः ।
- 4. मातुलुङ्गं फलवर्गें इति ग्राकरे पाठः।
- 5. चंचुसतीनवास्तुक-चिल्लीमूलकपोतिकाः इति ग्राकरे पाठः।
- 6. शाकवर्गेषु शस्यते इति द्वितीयपुस्तके पाठः ।
- 7. क्षीरं घृतं इति आकरे पाठः।
- 8. नागरं इति स्राकरे पाठः ।
- 9. पटोलवार्ताके इति स्नाकरे पाठः।
- 10. खर्जूर इति द्वितीयपुस्तके पाठः ।
- 11. पानकादी इति चतुर्थपुस्तके पाठः ।
- 12. अपर्युषितमम्लं इति म्रादर्शेपुस्तकेषु पाठः ।
- 13. रसेषु "मनीषिभिः पाठोऽय द्वितीयपुस्तके नोपलम्यते ।

'चक्षुष्य. प्रीणनो वृष्यो बृंहणो रक्तपित्तजित् । रसायनो गुरुः शीतः स्निग्धश्च मधुरो रसः ॥ १ ॥

#### Sweet Taste

Sweet taste is a promoter of eyesight, pleasing, aphrodisiac and nourishing. It cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is rejuvenating, heavy, cooling and unctuous.

1 [पक्ता] हृद्योऽग्निरुचिकुत्वलेदनस्तर्पणो मृदुः ।
3 स्निग्घोष्णो[ऽ]म्लो लघु[र्वापि] वातहा रक्तनाशनः ॥२॥
4 क्लेदी तीक्ष्णः सरः शुक्रविबंधानाहदृष्टिहा ।

#### Sour taste

Sour taste is unctuous, hot, light and alleviator of  $v\bar{a}yu$  and vitiation of blood. It produces stickiness. It is sharp and laxative. It reduces semen, constipation and eye sight.

5 भेदी पक्ताग्निरुचिक्नुत्स्निग्धोष्णो लवणो गुरु: ॥३॥

#### Saline taste

Saline taste is purgative, promoter of digestive power, appetiser, unctuous, hot and heavy.

कर्षणो लघुरुक्षोष्णः कृमिशुक्रकफापहा । 6 रुच्योऽग्निपित्तकुच्छेदि तीक्ष्णः शोषप्रदः कटुः ॥४॥

## Pungent taste

Pungent taste is karsana (which eliminates by force), light, un-unctuous and hot. It cures kṛmi (parasitic infection) and reduces semen as well as kapha. It is an appetiser, stimulant of digestion, aggravator of pitta. chedi (which has the power to penetrate by incision), sharp and producer of dryness (śoṣa).

7 कफिपत्तविषक्लेदकंडूकुष्ठज्वरापहः । 8 रूक्षः शोतो लघुस्तिक्तः शोपण कृमिहाऽग्निकृत् ॥५॥

#### Bitter taste

Bitter taste alleviates kapha as well as pitta. It cures vişa (poisoning), stickiness (kleda),  $kaṇ d\bar{u}$  (itching), kuṣ tha (obstinate skin diseases including leprosy) and jvara (fever). It is ununctuous, cooling, light and drying (śoṣaṇa). It cures krmi (parasitic infection) and stimulates the power of digestion.

भ कषायः शोषणः स्तम्भी ग्राही रोपणपीडनः ।

कफशोणितपित्तघ्नो रूक्षः शीतो गुरुस्तथा ॥ ६ ॥

[माधवद्रव्यगुणः रसवर्ग २४: १-६]

## Astringent taste

Astringent taste is drying, stambhana (which causes retention), constipative, healing and pīḍana (which causes pain). It

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alleviates vitiation of kapha, blood and pitta. It is un-unctuous, cooling and heavy.

## ।। इति षड्साः ॥

Thus ends the section dealing with the attributes of the six tastes.

#### NOTES AND REFERENCES

- 1. पक्तवा इति द्वितीयपुस्तके पाठः ।
- 2. परः इति द्वितीयपुस्तके पाठः ।
- 3. लघुव्यापी इति द्वितीयपुस्तके पाठः।
- 4. शुक्लः विबंधानाहद्ष्टिहा इति द्वितीयपुस्तके पाठः ।
- 5. रसः इति आकरे पाठः।
- 6. रुच्योऽग्निपित्तकुच्छेत्ता तीक्ष्णः शोषी कटुः कटुः इति स्राकरे पाठः ।
- 7. कफिपत्तविषक्लेदिकडूकुष्ठज्वरापहः इति ग्रादर्शपुस्तके पाठः।
- शीतो लघुस्तिक्तः इति आकरे पाठः । शीतलघु स्निग्धः इति चतुर्थपुस्तके पाठः ।
- 9. स्तम्भनः शोषी ग्राही इति श्राकरे पाठः ।
- 10. रोपणप्रीणनः इति चतुर्थपुस्तके पाठः।

भंडस्तु त्रिविधो ज्ञेय एकद्वित्रिपरिश्वत । Manda

Manda is prepared by filtering once, twice or three times. Thus, it is of three types.

2 लाजैभृ ष्टैरभृष्टैश्च तण्डुलै. परिसस्कृतैः ॥१॥ ३ चतुस्त्रिद्वगुणाम्भः स्यात् पूर्वः पूर्वो लघुहितः।

## Lāja maṇḍa

 $L\bar{a}ja\ manda$  is prepared either after frying or without frying the  $l\bar{a}j\bar{a}$  (fried paddy). Before preparing  $l\bar{a}j\bar{a}$ , the rice should be made clean. Thereafter, for its preparation water is added four, three or two times. The former varieties are lighter than the latter ones.

लाजमण्डो विशुद्धानां पथ्यः पाचनदीपनः ॥ २ ॥

Lāja maṇda is wholesome for a person whose body is cleaned by the administration of elimination therapy. It is

carminative and a digestive stimulant.

When added with *pippalī* and *nāgara* it helps in the elimination of *vāyu* through the downward tract. It is a cardiac tonic.

## Dhānya manda

Dhānya maṇḍa is carminative, digestive stimulant and alleviator of pitta, kapha and vāyu. It cures  $s\bar{u}la$  (colic pain), ānāha (flatulence) and vibandha (constipation).

## Vāţya maṇḍa

 $V\bar{a}tya$  manda mixed with patola and magadhā is useful in the aggravation of  $v\bar{a}yu$ , kapha and pitta, in  $\bar{a}ma$  and in the beginning stage of jvara (fever).

Vāţya maṇḍa is prepared by fried barley and lāja maṇḍa is prepared by fried śāli.

## Raktaśāli maṇḍa

The manda prepared of red variety of śāli etc., is sweet and cooling. It is the most wholesome, refreshing and strength

promoting. It alleviates rakta pitta (a disease characterised by bleeding from different parts of the body).

सुतण्डुलानां प्रसृतिर्द्धयं च तदर्द्धमुद्गाः कटुकत्रयं च।
11
कुस्तुम्बरीसैन्धविह्ग्तैलमेभिश्च सर्वैः क्रियते च मण्डः ॥७॥
क्षुद्धोधनो बस्तिविद्योधनश्च प्राणप्रदः शोणितवर्धनश्च।
जवरापहारी कफिपत्तहंता वायुं जयेदष्टगुणो हि मण्डः ॥६॥

## Astaguņa maņda

The manda prepared of two prasrti of good quality rice and half in quantity of mudga mixed with katutraya (śunthī, pippalī and marica), kustumbarī, saindhava, hingu and oil is called aṣṭaguṇa maṇḍa.

It promotes appetite and cleanses the urinary bladder. It promotes vitality and blood formation. It cures *jvara* (fever) and aggravation of *kapha*, *pitta* as well as *vāyu*.

हस्तवस्त्रकृतो मंड. सैन्धवेनावचूर्णितः । 12 रक्तपित्तहरो ग्राही ज्वरातीसारनाशनः ॥ ६॥

#### Miscellaneous

The manda prepared with the help of the hands and a piece of cloth and sprinkled with the powder of saindhava cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is constipative and cures jvara (fever) and atisāra (diarrhoea).

मडस्तु दीपयन्यग्नि वानं चाप्यनुलोमयेत् । मृदुकरोति स्रोतांसि स्वेदं संजनयत्यपि ॥ १०॥

Manda stimulates the power of digestion and helps in the elimination of  $v\bar{a}yu$  through the downward tract. It softens the channels of circulation and produces sweating.

लंघितानां विरिक्तानां जीर्णे स्नेहे च तृष्यताम्।

दीपनत्वाल्लघुत्वाच्च मंडः स्यात्प्राणधारणः ॥११॥'

[माधवद्रव्यगुणः मण्डवर्ग २५ : १-११]

After fasting, purgation, and digestion of the potion given for oleation therapy, if the patient feels thirsty, then manda helps in the sustenance of his life because it is a digestive stimulant as well as light.

## ।। इति मण्डवर्गः ।।

Thus ends the group dealing with different types of manda.

#### NOTES AND REFERENCES

- 1. एकद्वित्रिपरिस्त्त इति ग्राकरे चतुर्थपुस्तके च पाठः।
- 2. परिसंस्कृत. इति स्राकरे पाठ<sup>.</sup>।
- 3. पूर्वपूर्वी इति स्राकरे पाठः ।
- 4. पिप्पलीनागरान्वित<sup>,</sup> इति श्राकरे पाठः ।
- 5. बाट्यमंडः इति स्राकरे पाठ<sup>.</sup>।
- वातकफे इति स्राकरे पाठ: ।
- 7. 'वाट्यमडो' शालिभि ' पाठोऽय द्वितीयचतुर्थपुस्तकयोर्नोपलभ्यते ।
- रक्तशाल्यादिभिर्धान्यैर्मण्डा इति आकरे पाठः ।
- 9. श्रेष्ठाः संतर्पणा बल्या रक्तिपत्तप्रसादन: इति चतुर्थपुस्तके पाठ.।
- 10. रक्तपित्त प्रसादनाः इति आकरे पाठः ।
- हि इति भ्राकरे पाठः । स इति चतुर्थंपुस्तके पाठः ।
- 12. ज्वरातीसारवारणः इति श्राकरे चतुर्थपुस्तके च पाठः।
- 13 नृष्यती इति स्रादर्षपुस्तकेषु पाठः।

"क्षुत्तृष्णानिलदौर्बल्यकुक्षिरोगविनाशिनी ।
 स्वेदाग्निजननी पेया वातवचोंऽनुलोमनी ।। १ ।।
 Peyā

Peyā cures  $k \bar{s}ut$  (morbid hunger),  $t \bar{r} \bar{s}\bar{a}$  (morbid thirst), vitiation of  $v \bar{a} y u$ , weakness and diseases of the pelvic region. It causes sweating, stimulates the power of degestion and helps in the elimination of  $v \bar{a} y u$  and stool through the downward tract.

'विलेपी तर्पणी हृद्या ग्राहिणी बलविधनी ।
पथ्या स्वादुरसा लघ्वी दीपनी क्षुतृषापहा ॥ २ ॥'
[सुश्रुतः सूत्र ४६: ३४२-३४३]

## $Vilep\bar{\imath}$

Vilepī is refreshing, a cardiac tonic, constipative, strength promoting, wholesome, sweet in taste, light and a digestive stimulant. It cures k sut (morbid hunger) and  $t r s \bar{a}$  (morbid thirst).

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तृष्णापनयनी लघ्वी दीपनी बस्तिशोधनी । जबरे चैवातिसारे च यवागः सर्वदा हिता ॥" ३॥

[माधवद्रव्यगुणः भ्रन्नवर्ग २६: १-३]

## Yavāgū

 $Yav\bar{a}g\bar{u}$  cures  $trsn\bar{a}$  (morbid thirst). It is light and a digestive stimulant. It cleanses the urinary bladder. In jvara (fever) and  $atis\bar{a}ra$  (diarrhoea),  $yav\bar{a}g\bar{u}$  is always useful.

यवागुनामपि भेदः [पायस]कृशरादयः । क्षैरेयः पायसः क्षीरापरमान्नमृदाहृतम् ॥ ४॥

#### Variety

 $P\bar{a}yasa$ ,  $kr\dot{s}ar\bar{a}$  etc., are the different varieties of  $yav\bar{a}g\bar{u}$ .  $P\bar{a}yasa$  is also called ksaireya,  $ks\bar{i}r\bar{a}$  and  $param\bar{a}nna$ .

"यैर्येरेवौषधगुणैर्यवाग्ः साधु साधिता । तास्तानेवौषधगुणान्पूष्णाति विधियोजिता ॥ ५ ॥

 $Yav\bar{a}g\bar{u}$  is prepared by adding different drugs and when properly prepared  $yav\bar{a}g\bar{u}$  enhances the properties of these drugs.

विष्टम्भी पायसो बल्यो मेदःकफकरो गुरुः ।

## Pāyasa

Pāyasa is wind forming and strength promoting. It increases fat and kapha. It is heavy.

कफिपत्तकरी बल्या कुशरानिलनाशिनी ।। ६ ॥

## Krsarā

 $Kr \acute{s}ar \ddot{a}$  aggravates kapha and pitta. It promotes strength and alleviates  $v \ddot{a}yu$ .

सौमनस्यं बल पुष्टिमुत्साह तर्पेणं सुखम् । उ स्वादु संजनयत्यन्नमस्वादु च विपर्ययम् ॥ ७॥

#### Anna

Delicious variety of anna promotes pleasure, strength, corpulence, enthusiasm, refreshment and happiness.

The anna which is not delicious acts other wise.

4 5 सुधौततडुलः स्विन्नः प्रस्नुतो विश्वदो लघुः ।

If the rice is washed well, boiled and after boiling the residual water is removed then it becomes viśada (non-slimy) and light.

सोष्णइचैवोदनः पथ्यो विपरीतस्तु दोषकृत् ॥ = ॥

The odana, which is hot, is wholesome; otherwise it is harmful.

6 भृष्टतण्डुलकश्चैकद्विस्त्रिर्वापि परिश्रुतः । 7 8 यथोत्तर लघुर्वह्मिमोदनो दीपयत्यपि ॥ ६॥

If the fried rice is washed once twice or thrice, then the odana becomes progressively lighter and more stimulant of digestion.

स्नेहैमिसैः फलैः कंदैविदलाम्लैश्च सस्कृताः । गुरवो वृंहणा वृष्या ये च क्षीरोपसाधिताः ॥ १० ॥

If the anna is prepared with fat, meat, fruit, rhizome, pulse, sour thing or milk, then it becomes heavy, nourishing and aphrodisiac.

भ्रत्युष्णानि बलं घ्नन्ति शीतं शुष्कं च दुर्जरम्। अतिक्लिन्नं ग्लानिकरं दुर्जरं तण्डुलान्वितम् ॥ ११॥ Anna, which is exceedingly hot, reduces strength. If it is cold or dry then it becomes difficult of digestion. If it is exceedingly sticky, then it produces glāni (tiredness). If it contains unboiled rice then it is difficult of digestion.

शीतलं मधुरं साम्लं अशोंघ्नं दीपनं परम् । श्रमघ्नं तर्पणं हृद्यं घोलभक्त रुचिप्रदम् ॥ १२॥

#### Ghola bhakta

Ghola bhakta (curd mixed rice) is cooling, sweet and sour. It cures arśas (piles). It is an excellent stimulant of digestion. It cures śrama (physical fatigue). It is refreshing, a cardiac tonic and appetiser.

शीतलं मधुरं रूक्ष श्रमघ्न तर्पणं परम् ।
11
लघु द्रुतविपाक च सद्योग्नं वारिभावितम् ॥ १३॥

## Vāryanna

Freshly prepared rice soaked in water is cooling, sweet, un-unctuous, alleviator of fatigue, reffeshing par excellence, light and easily digestible.

त्रिदोषकोपन रूक्ष मलक्वन्मूत्रलं परम् । 12 स्वेदमेद:कफोत्क्लेदि वार्यन्नं निशि सस्थितम ॥१४॥"

[माधवद्रव्यगुणः अन्तवर्ग २६ : ४-१३]

If this prepared rice is soaked in water and kept over night, then it aggravates all the three dosas. It is un-unctuous. It produces more of stool. It is a diuretic par excellence. It increases sweating, fat and kapha.

#### 13 ।। इति पेयादिवर्गः ।।

Thus, ends the group dealing with various types of  $pey\bar{a}$  and allied preparations.

#### NOTES AND REFERENCES

- 1. क्षुत्तृष्णाग्लानिदौर्बल्यकुक्षिरोगविनाशिनी इति भ्राकरे पाठः।
- 2. पाककृसरादयः इति द्वितीयपूस्तके पाठः ।
- 3. संजनयत्यम्लमस्वाद् इति ग्रादर्शपुस्तके पाठ.।
- 4. विशुद्धतंडुल. इति द्वितीयपुस्तके पाठः ।
- 5. स्निग्धः इति द्वितीयपुस्तके श्राकरे च पाठः ।
- भुष्टतण्डलक्चैव द्वित्रिर्वापि इति स्रादर्शपुस्तके पाठ:।
- 7. यथोत्तरलघुविह्नमोदते इति ग्रादर्भपुस्तकेषु पाठः।
- 8. लघुर्विह्मिगेदनी इति चतुर्थपुस्तके पाठः।
- 9. ग्रत्युष्णान्नं इति चतुर्थपुस्तके ग्राकरे च पाठः।
- 10. हिनत इति चतुर्थपुस्तके आकरे च पाठः ।
- 11. सद्योऽन्नं इति ग्राकरे पाठः।
- 12. स्वेदभेदः इति स्रादर्शपुस्तकेषु पाठः।
- 13 मण्डादिः इति द्वितीयपुस्तके पाठः । इति ग्रन्नवर्गः इति ग्राकरे पाठः ।

¹ "सुस्विन्नो निस्तुषो भृष्टः ईषत्**सूपो** लघुहितः ।

४ 'स्विन्न नि:पीडितं शाकं हितं स्यात्स्नेहसंस्कृतम् ॥१॥''

[माधवद्रव्यगुणः पानभक्ष्यवर्ग २७-१]

## $S\overline{u}pa$

The  $s\bar{u}pa$  prepared of corn which is well steamed, dehusked and fried, is light and useful. If it is mixed with the juice extracted from steamed vegetables and with fat then also it is useful.

## ग्रस्वन्नस्नेहलवणमपीडितमतोन्यथा

If the  $s\bar{u}pa$  is prepared of corn which is not steamed and which is not mixed with fat, salt and juice of vegetables, then it is not useful.

निस्तुषैर्भीजितैः सम्यक् यवै सचणकैः कृताः ।

सक्तवः शकंरासिंपःयुक्ता ग्रीष्मेतिपूजिता ॥ २ ॥

## Yava saktu & Caṇaka saktu

Saktu prepared of fried yava or canaka along with their husk is very useful in summer if taken along with sugar and ghee.

सक्तवः शालिसंभूता विह्नदा लघवो हिमाः । 3 मधु[राः] ग्राहिणो हृद्याः कषाया रुचिशुक्रदाः ॥३॥'

## Śāli saktu

Saktu prepared of śāli is digestive stimulant, light, cooling, sweet, constipative, cardiac tonic, astringent, appetiser and promoter of semen.

मधुराः लघव शीताः सक्तवः शालिसंभवाः । ६ ग्राहिणो रक्तपित्तघ्नास्तृष्णाछर्दिज्वरापहाः ॥ ४ ॥

#### Another view

Saktu prepared of śāli is sweet, light, cooling and constipative. It cures rakta pitta (a disease characterised by bleeding from different parts of the body) tṛṣṇā (morbid thirst), chardi (vomiting) and jvara (fever).

> छर्चतीसारतृट्दाहविषमूच्छिज्वरापहाः । लाजानां सक्तवः क्षौद्रसितायुक्ता विशेषतः ॥ ५ ॥

## Lāja saktu

The saktu of  $l\bar{a}j\bar{a}$  cures chardi (vomiting),  $at\bar{s}\bar{a}ra$  (diarrhoea),  $tr\bar{t}$  (morbid thirst),  $d\bar{a}ha$  (burning syndrome),  $vi\bar{s}a$  (poisoning),  $m\bar{u}rch\bar{a}$  (fainting) and jvara (fever). It becomes more effective in these conditions when this saktu is mixed with honey and sugar.

लेखना दीपना रूक्षा वातला यवसक्तवः । कफामयप्रशमनाः वातवर्चोनुलोमनाः ॥६॥ 366 Materia Medica

#### Yava saktu

The saktu of yava is depleting, digestive stimulant and un-unctuous. It aggravates  $v\bar{a}yu$  and cures diseases caused by kapha. It helps in the elimination of  $v\bar{a}yu$  and stool through the downward tract.

पीताः सतर्पणा हृद्धाः सद्यो हि बलवर्धनाः । वातातपाध्वव्यायामकशिताना श्रमापहा ॥ ७॥

When used as a drink, yava saktu is refreshing and a cardiac tonic. It promotes strength instantaneously. It alleviates the fatigue of persons who are emaciated by exposure to wind, sun, walking and exercise in excess.

गुर्वी पिंडी खरात्यर्थ लघ्वी सैव विपर्ययात् ।

If it is used in the form of a bolus (pindī) then it is very heavy and un-unctuous (khara); otherwise it is light.

सक्तूनामाशु जीर्येत मृदुत्वादवलेहिका ॥ ८ ॥

#### Avalehik ä

Avalehikā prepared of saktu gets digested early because of its softness.

सक्तवः सिपषाभ्यक्ता शीतवारिपरित्लुताः । 8 9 नातिद्रवो नातिसान्द्रो मंथ इत्यभिधीयते ॥ ६ ॥

#### Mantha

Saktu kneaded with ghee and mixed with water is called mantha. It is neither very thick nor very thin.

मंथः सद्योबलकरः पिपासादाहनाशनः । 10 साम्लस्नेहगुडो मूत्रकुच्छ्रोदावर्तनाशनः ।। १० ।। शर्करेक्षमधुद्राक्षायुक्तः पित्तविकारनृत् । द्राक्षामधुसमायुक्तः कफरोगहरः स्मृतः ॥ ११ ॥ वर्गत्रयेणोपहितो मलदोषानुलोमनः ।

Mantha promotes strength instantaneously and cures  $pip\bar{a}s\bar{a}$  (morbid thirst) and  $d\bar{a}ha$  (burning syndrome). Along with sour things, fat and guda, it cures  $m\bar{u}tra$  krcchra (dysuria) and  $ud\bar{a}varta$  (flatulence). Along with sugar, sugarcane juice, honey and  $dr\bar{a}ks\bar{a}$ , it cures diseases caused by pitta. Along with  $dr\bar{a}ks\bar{a}$  and honey, it cures diseases caused by kapha. Along with the three groups of drugs, it helps in the elimination of stool and dosas through the downward tract.

धानोलंबाः सुलघवः कफमेदोविशोषिणः ॥ १२॥

#### Dhānolamba

Dhānolamba is very light and it reduces kapha as well as fat.

लाजा तृट्छर्द्यं तीसारमेदोमेहकफच्छिदः ।
11
कासिपत्तप्रशमना दीपना लघवो हिमाः ॥ १३॥

## Lāj $\bar{a}$

 $L\bar{a}j\bar{a}$  cures  $t_{I}$ ? (morbid thirst), chardi (vomiting),  $at\bar{s}\bar{s}ra$  (diarrhoea), adiposity, meha (obstinate urmary disorders including diabetes) and aggravation of kapha. It cures  $k\bar{a}sa$  (bronchitis) and alleviates pitta. It is a digestive stimulant, light and cooling.

पृथुका गुरवः स्निग्धा बृंहणाः कफवर्धनाः । 12 बल्या सक्षीरभावित्वाद्वातच्ना भिन्नवर्चसः ॥ १४ ॥

## Prthukā

 $Prthuk\bar{a}$  is heavy, unctuous and nourishing. It aggravates kapha and promotes strength. When impregnated with milk, it alleviates  $v\bar{a}yu$  and works as a laxative.

# **धाना** विष्टंभिनी रूक्षा तपँणी लेखनी गुरः

#### Dhānā

 $Dh\bar{a}n\bar{a}$  is wind forming, un-unctuous, refreshing, depleting and heavy.

विष्टंभी दुर्जरं रूक्ष शीतलं वातकोपनम् । वद्धवर्चस्करं चैव भृष्टं निष्पावजं फलम् ॥ १५ ॥

## Nișpāva

The fried fruit of  $nisp\bar{a}va$  is wind forming, difficult of digestion, un-unctuous, cooling, aggravator of  $v\bar{a}yu$  and constipative.

13 संधानकृत्पिप्टमात्र **तंडुलः** कृमिमेहकृत् ।

## Taṇḍula piṣṭa

All types of pastries prepared of tandula cause sandhāna (union of tissue elements), kṛmi (parasitic infection) and meha (obstinate urinary disorders including diabetes).

14 सुदुर्जर. स्वादुरसो बृंहणस्तण्डुलो नव: ॥ १६॥

If freshly harvested tandula is used for this purpose, then it is extremely difficult of digestion. It is sweet in taste and nourishing.

# [इति सूपादिवर्गः]

Thus ends the group dealing with different types of sūpa and allied preparations.

## NOTES AND REFERENCES

- 1. भृष्ट इति ग्राकरे पाठः।
- 2. अन्नभि पिष्टितं इति चतुर्थं पुस्तके पाठः।

- 3. मधु इति चतुर्थपुस्तके पाठः।
- 4. स्विन्नं .... रुचि शुक्रदा पाठोऽयं द्वितीयपुस्तके नोपलभ्यते ।
- 5. मधुरा लघवः इति म्रादर्शपुस्तके पाठः।
- 6. रक्तपित्तव्नास्त्वणाच्छर्दिज्वरापहाः इति ग्राकरे पाठः।
- 7. सद्योबलविवर्धनाः इति स्राकरे पाठः ।
- 8. नातिद्रवा इति आकरे पाठः।
- 9. नातिसान्द्रा इति आकरे पाठः।
- 10. सान्द्रस्नेहगुडो इति द्वितीयपुस्तके पाठः।
- 11. कासपित्तोपशमना इति आकरे पाठः।
- 12. बल्याः सक्षीरभावात्ते वातघ्ना इति ग्राकरे पाठः ।
- 13. संधानकृत्पिष्टमाष इति चतुर्थपुस्तके पाठः । संधानकृत्पिष्टमामं इति श्राकरे पाठ. ।
- 14. स्वादूरच्छो इति आकरे पाठः ।

स्नेहगोरसधान्याम्लफलाम्लकटुकैः सह । 1 सिद्धं **मांसं** हितं बल्यं बृंहणं रोचनं लघु ।। १ ।।

#### Māmsa

Meat boiled with fat, milk, dhānyāmla, phalāmla and kaţuka (spices having pungent taste) is useful, strength promoting, nourishing, appetiser and light.

2 तदेव गोरसादानं सुरभिद्रव्यसस्कृतम् । विद्यात्पित्तकफोत्क्लेदि बलमांसाग्निवर्धनम् ॥ २ ॥

If meat is prepared with milk and added with fragrant spices, then it reduces (?) pitta as well as kapha and increases strength, muscle tissue and the power of digestion.

परिशुष्कं स्थिरं स्निग्धं तर्पण प्रीणनं गुरु । रोचनं बलमेधाफिनमांसौजःशुक्रवधीनम् ॥ ३॥

Dried meat is sthira (which produces stability), unctuous,

refreshing, pleasing, heavy and appetiser. It promotes strength, intellect, digestive power, muscle tissue, ojas and semen.

4 तदेव लुप्तभृष्टत्वा**दुलाप्**तमिति पावकाः । परिशुष्कं गुणैर्युक्तं वङ्गोः पथ्यतमं मतम् ॥ ४ ॥

If the meat is burnt on the fire and then fried, then it is called *ulāpta*. It shares all the properties of dried meat. In addition, it is the most wholesome as a promoter of digestion.

तदेव **ज्ञूलिकं** प्रोक्तमगारपरिपाचितम् । 5 ज्ञेयं गुरुतर किञ्चित्प्रदिष्ट गुरुपाकतः ॥ ५॥

If the meat is burnt over charcoal then it is called *sūlika*. It is heavier because it gets excessively burnt.

व उत्प्लुष्टं भिनतं पिष्टं प्रतप्तं कटुपाचितम् ।

परिशुष्कं प्रदिश्यं च शूल्य यच्चान्यदीदृशम् ॥ ६ ॥

'दीप्ताग्नीनां सदा पथ्य खानिष्कं तु परंगुरु ।

Different preparations of meat viz., utplusta (burnt), bharjita (fried), pista (made to a paste), pratapta (heated), katupācita (boiled with pungent spices), parišuska (dried), pradigdha (excessively burnt), śūlya (burnt over charcoal) and similar other preparations are always wholesome for persons having strong digestive power. Khaniska type of meat preparation is exceedingly heavy.

मांसं यत्तं लिसद्ध तु वीर्योंष्ण पित्तकृद्गुरु ॥ ७ ॥'

Meat prepared in oil is hot in potency, aggravator of pitta and heavy.

लघ्विग्निदीपनं हुद्यं रुच्यं दृष्टिप्रसादनम् । ४ ग्रनुष्णवीर्यं पित्तघ्नं मनोज्ञं घृतसाधितम् ॥ ८॥ Meat prepared in ghee is light, digestive stimulant, cardiac tonic, appetiser and promoter of eyesight. It is not hot in potency. It alleviates pitta and is pleasing to the mind.

प्रीणनः सर्वधातूनां विशेषान्मुखशोषिणाम् ।
9 10 11
क्षुत्तृष्णापहरः श्रोष्ठः सौरावः स्वादुशीतलः ॥ ६॥

Saurāva type of meat nourishes all the tissue elements. It is specially useful for patients having mukhaśoṣa (dryness of mouth). It is an excellent curative for kṣut (morbid hunger) and tṛṣṇā (morbid thirst). It is delicious and cooling.

प्रीणनः प्राणजननः श्वासकासक्षयापहः । वातिपत्तश्रमहरो हृद्यो **मांसरसो** मतः ॥ १०॥

#### Māmsa rasa

Meat soup is refreshing and vitalizing. It cures  $\$v\bar{a}sa$  (asthma),  $k\bar{a}sa$  (bronchitis) and  $k\bar{s}aya$  (consumption). It alleviates  $v\bar{a}yu$ , pitta and fatigue. It is cardiac tonic.

स्मृत्यौजःस्वरहीनानां ज्वरक्षीणक्षतौजसाम् । भग्नविद्यालेष्टसंधीना कृशानामल्परेतसाम् ॥ ११॥ ग्राप्यायनः संहननः शुऋदो बलवर्धनः ।

It is useful for persons having less of memory and ojas, imperfect voice, jvara (fever), kṣṇṇa (emaciation), kṣata (phthisis) and broken and dislocated joints. It is also useful for thin persons and those having less of semen. It causes nourishment, sarihanana (joining of tissues) and promotes semen as well as strength.

# सदाडिमयुतो वृष्यः संस्कृतो दोषनाशनः ॥ १२॥

The meat soup prepared along with  $d\bar{a}dima$  is aphrodisiac and alleviator of dosas.

यन्मांसमुद्घृतरस न तत्पुष्टिबलप्रदम् । 13 विष्टिम्भि दुर्जरं रूक्षं विरसं मारुतावहम् ॥ १३ ॥ [माधवद्रव्यगुणः पानभक्ष्यवर्ग २७ : २१-२६]

The meat, from which juice is extracted, does not produce nourishment and strength. It is wind forming, difficult of digestion, ununctuous and aggravater of  $\gamma \bar{a} y u$ .

14 15 दीप्ताग्नीनां सदा शस्तमामिषं परमं गुरु ।

Meat is always useful for persons having a strong power of digestion. It is very heavy.

16 17
मांसं निरस्थि सुस्विन्नं पुनदृषिदि चूणितम् ॥ १४॥
18
पिप्पलीमरिचशुण्ठीहिंगुसर्पिःसमन्वितम् ॥
19 20
ऐकध्यं साधयेत् सम्यक् तत् सोराविमिति स्मृतत् ॥१४॥

#### Sorāva

The meat which is free from bones, which is triturated in a pastle and mortar after proper boiling and which is prepared by boiling together with pippalī, marica, śunthī, hingu and ghee is called sorāva.

## ॥ इति मांसादिप्रकारः ॥

Thus ends the group dealing with various types of meat and their different preparations.

#### NOTES AND REFERENCES

स्निग्धं इति श्राकरे पाठः ।
 सिक्तं इति द्वितीयपुस्तके पाठः ।

- 2. गोरसान्तं तु इति आकरे पाठः।
- 3. ग्रस्य रलोकस्यानन्तरम् 'सुरभिद्रव्यसंस्कृतं विद्यारिपत्तकफोत्क्लेदि बलगुरु' पाठोऽय चतुर्थपुस्तके ग्रधिकं उपलम्यते ।
- 4. तदेवोलुप्तपिष्टत्वादुलुप्तमिति इति ग्राकरे पाठः ।
- 5. किंचित् प्रदिग्धं इति ग्राकरे पाठः।
- 6. उलुप्तं इति ग्राकरे पाठः ।
- 7. दीप्ताग्नीनां "पित्तकृद्गुरु पाठोऽय द्वितीयपुस्तके नोपलभ्यते ।
- ग्रस्य क्लोकस्यानन्तरं 'ग्रथ मांसप्रकारा: तलितं भजितं स्विन्न प्रलेहस्रवितं रसः। [पोषितं] च तथा शुल्य पूरणं पुटपाकजं। श्रमीप्रकाराः मांसस्य सक्षेपात्परिकीर्तिताः । तलितं मासं हि बल्य रुच्य पूरणं पित्तानिलापह। सुस्वाद् मधुर पाके किचित्कफकर गुरु। भजितं तत्स्धातुल्यं [रूच्य] वह्निकरं लघु । स्विन्न मांसं बलं वीर्यं विदधाति रुचिमनाक् । वातं पित्त कफं हति प्रदीपयति चानल । प्रलेहस्रावितं बल्य रोचनं दीपन गुरु। मांसाग्निवर्द्धन पित्तकफोद् कि विशेषत.। पेषित पाचित मासं सुस्वादु लघु दीपनम् । बल्यं सुरुचिकृत्प्राणप्रदं दोषत्रयापहं । तत्र।पि जांगलं श्रेष्ठ श्रेष्ठं तत्रापि पक्षीणाम् । उष्णे स्नेहो निशाहिंगुलवंगकैला [धान्यक-] जीराईकनागराणि भ्रम्लोषणं सैधवचुर्ण युक्तां। उपस्कराः संस्कृता ये फलस्य । एलालवगकप्रमरिचादि विनिमितं। वर्ण । मुद्धलनायोक्तं पाचकर्मं विचक्षणैः । श्रस्य वर्णस्य करणे कुंकुम रक्तचन्दनम्। चूर्ण च यत्र यद्युक्तं तत्र तत्संप्रयोजयेत । धुयोऽगुरु कृतो यः किंवा रामठशलाकाग्रथित शुद्धं पललं साज्यसैन्धवम् । वह्नौ विध्मसे सपवव शूल्यमुक्तं मनीषिभि:। शूल्यं बल्यं सुधातुल्यं पलं विह्वकरं लघु ।

कफिपत्तहरं प्रोक्तं विशेषाद्रुचिकारकं।

मासंस्विन्नं सूक्ष्मकृतं पिण्ट्वा सदुपस्करां घत्ते।

तप्तेन्धनभृष्टं पूरण प्रोच्यते बुधैः।

मांसपूरणक रुच्यं वल्य पुष्टिकर परम्।

वातिपत्तहरं वृष्यं विह्नमांद्यकफप्रणुत्।

सूक्ष्मकृत पल पत्रैः छादित वेष्टित मृदा।

पक्ष्य सोपस्कर यत्र विज्ञेय पुटपाकजं।

पुटपाकेन यत्कृत तन्मांसं पाचक पर।

सोष्मं तद्गुणवद्धेद्य शीतं शूष्क च दुर्ज्जरं।

समितानिर्मितं पूर्णं पूरणे तद्घृते पुनः।

भृष्टं श्रुगाटकाकारं तत्स्यात्पूरणपूरित।

चक्षुष्यं बृहण वृष्यं वातिपत्तहरं गुरु।

ग्रतीव रुचिकृत् बल्यं भवेत्पूरणपूरितं'।

वहुप्रमादपूर्णः पाठोऽयं चतुर्थपुस्तके अधिकं उपलभ्यते।

- 9. क्षुत्तृष्णापहः इति म्राकरे पाठः ।
- 10. शान्तः इति द्वितीयपुस्तके पाठः ।
- 11. शौरावः इति आदर्शपुस्तके पाठः।
- 12. ग्रस्य श्लोकस्यानन्तरम् कफच्नो दीपनो हृद्यः शुद्धानां व्रणनाश्चनः पाठोऽयं माधवद्रव्यगुणे अधिकमुपलम्यते ।
- 13. मारुतापहम् इति ग्राकरे पाठः।
- 14. शस्तास्वाणिस्तु इति द्वितौयपुस्तके पाठः ।
- 15. दीप्ताग्नीना ""गुरुः पाठोऽय चतुर्थपुस्तके नोपलभ्यते ।
- 16. चास्थि च इति द्वितीयपुस्तके पाठः।
- 17. सुस्निग्धं इति द्वितीयपुस्तके पाठः ।
- 18. शुण्ठिहिंगुजीरसमन्वितम् इति द्वितीयपुस्तके पाठः । शुण्ठिसेधवेनसमन्वितम् इति चतुर्थपुस्तके पाठः ।
- एकत्र इति द्वितीयपुस्तके पाठः ।
   एकस्थं इति चतुर्थपुस्तके पाठः ।
- 20. सौरावमिति इति द्वितीयपुस्तके पाठः।

१ 'कफच्नो दीपनो हृद्यः शुद्धानामपि दोषहृत् । उक्तः पथ्यतमश्चापि मृद्गयूषः कृताकृतः ॥ १॥

## Mudga yūṣa

Mudga  $y\bar{u}sa$  alleviates kapha, stimulates digestion and tones up the heart. It helps in the elimination of dosas even for persons whose bodies are free from dosas by the administration of elimination therapies (?). It is wholesome par excellence. It is of two types viz., krta (which is fried with ghee etc.,) and akrta (which is not fried with ghee etc.,).

स तु दाडिममृद्वीकायुक्तः स्यावागषाडवः । ३ ४ स वृष्यो लघुपाकश्च दोषाणामविरोधकृत् ॥ २॥

[माधवद्रव्यगुणः पानभक्ष्यवर्ग २७: २६-३१]

## Rāga şāḍava

If mudga yūṣa is added with dāḍima and mṛdvīkā then it is called rāga ṣāḍava. It is aphrodisiac and light for digestion, It does not aggravate doṣas,

'मसूर**मुद्गगो**धूमकुलत्थलवणैः

कृतः

कफिपत्ताविरोधी स्याद्वातच्याधी प्रशस्यते ॥ ३॥

The rāga ṣāḍava prepared of masūra, mudga, godhūma, kulattha and salt does not aggravate kapha and pitta. It is extremely useful in diseases caused by vāvu.

मृद्वीकादां छिमयुतः स चाप्युक्तोऽनिलार्दितः । रोचनो दीपनो इद्यो लघुपानयुपदिश्यते ॥ ४॥

The rāga ṣāḍava prepared of mṛdvīkā and dāḍima also alleviates vāyu. It is appetiser, digestive stimulant, cardiac tonic and laghu pāki (which is easy for digestion).

पटोलनिम्बूयुषौ तु कफमेदोविशघनौ ।

पित्तब्नो दीपनो इंद्यो क्रिमिकुष्ठज्वरापहो ।। १ ।।

Patola yūşa and Nimbū yūşa

The  $y\bar{u}$  prepared of patola and nimb $\bar{u}$  cleanses kapha and medas (fat). It alleviates pitta. It is digestive stimulant and cardiac tonic. It cures krimi (parasitic infection), kuştha (obstinate skin diseases including leprosy) and jvara (fever).

**इवासकासप्रति**रयायप्रसेकारोचकज्वरान् ।

हन्ति मुलकयूषस्तु कफमेदोगलग्रहान् ॥ ६॥

Mūlaka yūşa

The yūṣa of mūlaka cures śvāsa (asthma), kāsa (bronchitis), pratiśyāya (chronic rhinitis), praseka (excessive salivation), arocaka (anorexia) and jvara (fever). It reduces kapha and medas (fat). It also cures gala graha (obstruction in throat).

कुलत्थयूषोऽनिलहा शर्कराश्मरिनाशनः

तुनीप्रतृनीकासार्शोगुल्ममेहकफापहः ॥ ७॥

## Kulattha yūșa

The  $y\bar{u}$ , a of kulattha alleviates  $v\bar{a}yu$ . It cures  $\hat{s}arkar\bar{a}$  (gravels in the urine),  $a\hat{s}mari$  (stone in urinary tract),  $t\bar{u}n\bar{\imath}$  (a disease characterised by acute pain in intestine, anus and phallus),  $prat\bar{u}n\bar{\imath}$  (a variety of  $t\bar{u}n\bar{\imath}$  in which pain starts from anus and moves to the intestine),  $k\bar{a}sa$  (bronchitis),  $ar\hat{s}as$  (piles), gulma (phantom tumour), meha (obstinate urinary disorders including diabetes) and aggravation of kapha.

यवकोलकुलत्थानां मुद्गमूलकशुंठयोः ।
7
एकंकमुष्टिमादाय पचेदष्टगुणे जले ॥ ५॥
8
पञ्चमुष्टिक इत्येष वातिपत्तकफापहः ।
9
शस्यते गुल्मशूले सा कासे श्वासे ज्वरे क्षये ॥ ६॥

#### Pañca muştika yūşa

Pañca muṣṭika yūṣa is prepared by taking one muṣṭi (handful) of each of yava, kola, kulattha, mudga, mūlaka and śuṇṭhī
(instead of five, six items are included in the text) and boiling
them in eight times of water. It alleviates vāyu, pitta and kapha
and is useful in gulma (phantom tumour), śūla (colic pain), kāsa
(bronchitis), śvāsa (asthma), jvara (fever) and kṣaya
consumption).

मुद्गामलाभ्यां यवदाडिमाम्यां कर्कन्धुना मूलकशुंठकेन [?] ।
10
शुण्ठीकणाभ्यां च कुलत्थकेन यूषो नवांगो कफरोगहन्ता ॥ १० ॥

## Navānga yūşa

Navānga yūsa is prepared of mudga, āmalaka, yava, dādīma, karkandhu, mūlaka, šuņṭhī, kaṇā and kulattha. This cures diseases caused by kapha.

दाडिमामलकैर्यूषो हृद्यः संशमनो लघुः । 11 प्राणाग्निजननो मूर्च्छमिदोघ्नः पित्तवातजित् ॥११॥

#### Other varieties

The  $y\bar{u}$ sa prepared of  $d\bar{a}$ dima and  $\bar{a}$ malaka is cardiac tonic, alleviator of dosas, light, vitalising and digestive stimulant. It cures  $m\bar{u}$ rcchā (fainting) and medas (adiposity). It specifically alleviates pitta and  $v\bar{a}$ ta.

12 मुद्गामलकयूषरच भेदी पित्तकफापहः ।

The  $y\bar{u}$  prepared of mudga and  $\bar{a}$  malaka is purgative and it alleviates pitta as well as kapha.

पंचकोलकुलत्थानां यूषः कंठ्योऽनिलापहः ॥ १२ ॥

The  $y\bar{u}$  prepared of pañcakola (pippalī, pippalī mūla, cavya, citraka and nāgara) and kulattha is a promoter of good voice and alleviator of  $v\bar{a}yu$ .

यवमंडस्तु कथितो वातपित्तकफापहः । 13 पाचनो दीपनश्चेव शूलानाहविबन्धनुत् ॥ १३ ॥

# Yava maṇḍa

Yava maṇḍa alleviates vāyu, pitta and kapha. It is carminative and digestive stimulant. It cures  $s\bar{u}la$  (colic pain),  $\bar{a}n\bar{a}ha$  (flatulence) and vibandha (constipation).

सर्वधान्यकृतस्तद्वत् बृंहणः प्राणवर्धनः ।

Sarva dhānya maṇḍa

The maṇḍa prepared of all the types of dhānya is nourishing and vitalising.

14 खडकाम्बलिको हृद्यौ छदिवातकफे हितौ ॥ १४ ॥

Khada and Kāmbalika

Khada and kāmbalika are cardiac tonic. They are useful in chardi (vomiting) and aggravation of vāyu as well as kapha.

दिधमत्स्याम्लसिद्धस्तु यूष. काम्वलिकः स्मृतः ।

The  $y\bar{u}$  sa which is prepared by adding dadhi, matsya and articles having sour taste is called  $k\bar{a}$ mbalika.

15 बल्यः कफानिलौ हन्ति **दाडिमाम्लो**ऽग्निदीपनः ॥१५॥

## Dāḍimāmla

Dādimāmla promotes strength, alleviates kapha and vāyu and stimulates digestion.

धान्याम्लो दीपनो हृद्यः पित्तकृद्वातनाशनः।

## Dhānyāmla

Dhānyāmla is digestive stimulant, cardiac tonic, aggravator of pitta and alleviator of vāyu.

दध्यम्लः श्लेष्मलो बल्यः स्निग्धो वातहरो गुरुः ॥१६॥

## Dadhyamla

Dadhyamla aggravates kapha and promotes strength. It is unctuous, alleviator of vāyu and heavy.

तकाम्लः पित्तक्रत्प्रोक्तो विषरक्तप्रदूषणः ।

#### Takrāmla

Takrāmla aggravates pitta and vișa (poisoning). It vitiates blood.

ग्रस्नेहलवणं सर्वमकृतं कटुकैबिना ॥ १७॥
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# Kṛta and Akṛta yūṣa

The  $y\bar{u}$ ,  $\bar{y}$  which is not mixed with fat, salt and pungent spices is called akrta. Krta  $y\bar{u}$ , on the other hand, is prepared of pungent spices, fat and salt.

18 स्रथ गोरसधान्याम्लफलाम्लै रचितं च यत् ॥ १८॥ यथोत्तरं लघु हितं संस्कृतासंस्कृतं तथा ।

#### Other varieties

The  $y\bar{u}\bar{s}as$  prepared of milk, dhānyāmla and the  $y\bar{u}\bar{s}a$  of sour fruits are progressively lighter. Whether fried or not they are useful.

तिलपिण्याकविकृतिः शुब्कशाकं विरूढकम् ।
19
शंडाकीनि गुरूणि स्युः पित्तश्लेष्मकराणि च ॥१६॥'
[माधवद्रव्यगणः पानभक्ष्यवर्ग २७ : ३३-४६]

# Śandākī

 $Sandak\bar{\imath}$  is prepared of oil cake, dry vegetables and germinated corns and cereals. They are heavy and they aggravate pitta as well as kapha.

लघवो बृंहणा वृष्या हृद्या रोचनदीपनाः । भ्रममृत्युतृषाछिदिश्रमघ्ना रागषाण्डवा ॥ २०॥

# Rāga sāṇḍava

Rāga ṣāṇḍava is light, nourishing, aphrodisiac, cardiac tonic, appetiser and digestive stimulant. It cures bhrama (giddiness), mṛtyu (apprehension of death?), tṛṣā (morbid thirst), chardi (vomiting) and śrama (physical fatigue).

20 'रसाला रोचनी बल्या स्निग्घा वृष्या सुबृंहणी।

#### Rasālā

 $Ras\bar{a}l\bar{a}$  is an appetiser, strength promoting, unctuous, aphrodisiac and extremely nourishing. It causes oleation of the body.

21 स्नेहनं गुडसंयुक्तं हृद्यं दध्यनिलापहम् ॥ २१॥

If prepared by adding guda and curd, then it is cardiac tonic and alleviator of  $v\bar{a}yu$ .

11डिमम्लमनम्लं च पानकं गुरु मूत्रलम् ।

#### Pānaka

Pānaka of guḍa (whether added with sour things or not) is heavy and diuretic.

तदेव खण्डमृद्वीकाशर्करासहितं पुनः ।। २२ ।। 23 साम्लं सुतीक्ष्णं सहिम पानक स्यान्निरत्ययम् ।

Pānaka prepared of khaṇḍa, mṛdvīkā, śarkarā and sour things is extremely sharp and cooling. It is not harmful.

मार्होक तु श्रमहर मूच्छादाहज्वरापहम्।। २३।।

 $P\bar{a}naka$  prepared of  $m_{\bar{t}}dv_{\bar{t}}k\bar{a}$  alleviates  $\dot{s}rama$  (physical fatigue) and cures  $m\bar{u}rch\bar{a}$  (fainting),  $d\bar{a}ha$  (burning syndrome) and  $\dot{t}tara$  (fever).

परूषकाणां कोलानां हृद्य विष्टिभि पानकम्।

The pānaka prepared of parūṣaka and kola is cardiac tonic and wind forming.

24 द्रव्यसयोगसस्कारान् ज्ञात्वा मात्रां च सर्वेश. । 25 पानकानां यथायोग्यं गुरुलाघवमादिशेत् ॥ २४॥

Depending upon the ingredients and the method of preparation, the heaviness and lightness of a  $p\bar{a}naka$  should be ascertained and their dose should be determined accordingly.

भक्षयाः क्षीरकृता बल्या वृष्या[हृद्धाः]सुगन्धिनः । 27 28 29 ग्रदाहिनः पुष्टिकरा दीपना वातनाशनाः ॥ २५ ॥

# Bhaksya

Different types of bhakşya prepared of milk is strength promoting, aphrodisiac, cardiac tonic, fragrant, adāhin (which

does not produce burning sensation), digestive stimulant and alleviator of vāyu.

त्राणकराः हृद्याः **यृतप्राः** कफावहाः । उत्रावितिहरा वृष्या गुरवो रक्तमांसदाः ॥ २६ ॥

माघवद्रव्यगुणः पानभक्ष्यवर्ग २७ : ४०-४४]

# Ghṛta pũra

Ghṛta pūra is instantaneously vitalising and a cardiac tonic. It aggravates kapha and alleviates  $v\bar{a}yu$  as well as pitta. It is aphrodisiac, heavy and promoter of blood as well as muscle tissue.

32 'वृष्यास्ते गौडिका भक्ष्या गुरवोऽनिलनाशनाः। 33 विदाहिनः पित्तकरा बृंहणाः कफवर्द्धनाः॥ २७॥

# Guda bhakşya

The bhaksya prepared of guḍa is aphrodisiac, heavy and alleviator of vāyu. It causes burning sensation and aggravates pitta. It is nourishing and aggravator of kapha.

34 मधुशीर्षकसंयावाः पूपा ह्येते विशेषतः । 35 36 गुरवो बृहणाञ्चैव मोदकाश्चापि दुर्जराः ॥ २८॥

# Madhu śirsaka etc.

Madhu šīrṣaka, samyāva and  $p\overline{u}pa$  are specially heavy and nourishing.

Modaka is difficult for digestion.

रोचनो दीपनः स्वर्यः पित्तघ्नः पवनापहः ।
गुरुमिष्टतमञ्चैव सहकः प्राणवर्धनः ॥ २६॥

## Saţţaka

Sattaka is appetiser, digestive stimulant, promoter of good voice, alleviator of pitta as well as vāyu, heavy, extremely delicious and vitalising.

ह्यः सुगन्धिर्मेधुरः स्निग्धः श्लेष्मकरो गुरुः । 38 पित्तापहस्तृष्तिकरो बल्योऽभिष्यन्द उच्यते ॥ ३०॥' [माधवद्रव्यगुणः पानभक्ष्यवर्ग २७: ५७-६०]

# Abhisyanda

Abhisyanda is cardiac tonic, fragrant, sweet, unctuous, aggravator of kapha, heavy, alleviator of pitta, trptikara (which causes satisfaction) and promoter of strength.

श्रृहं का कातिपत्तध्नाः कल्याः वृष्यास्तु शालिजाः ।

हृद्याः पथ्यतमास्तेषां लघवः फेनकादयः ॥ ३१ ॥

[सुश्रुतः सूत्र ४६: ३६८-३६६]

#### **P**henaka

Phenka étc. prepared of  $s\bar{a}li$  rice are nourishing, alleviator of  $v\bar{a}yu$  as well as pitta, strength promoting, aphrodisiac, cardiac tonic, extremely wholesome and light.

'मुद्गादिवेसवारेस्तु पूर्णा विष्टम्भिनो मताः । 42 वेसवारेस्तु पिशितैः सम्पूर्णा गुरुवृंहणाः ॥ ३२ ॥'

Phenaka prepared by filling with vesavāra of mudga etc. is wind forming. If it is filled with the vesavāra of meat, then it is heavy and nourishing,

48 44 • **बेसबारो गुरु** स्निग्धो बलोपचयवर्धनः ।

## Vesavāra

Vesavāra is heavy, unctuous and promoter of strength as

well as plumpness.

45

पललाः श्लेष्मजनना शष्कल्यः कफपित्तलाः ॥ ३३ ॥

# Palala and Śaskulī

Palala aggravates kapha. Śaṣkulī aggravates kapha as weil as pitta.

46 **पर्पटा** लघवो रुच्या लघिष्ठाः **क्षीरपर्पटी** ।

# Parpața and Kșīra parpațī

Parpața is light and appetiser. Kṣīra parpațī is light par excellence.

47

वीर्योष्णा. पैप्टिका भक्ष्याः कषाया मृष्टमारुताः ॥३४॥'

[माधवद्रव्यगुणः पानभक्ष्यवर्ग २७: ६३-६६]

'विष्टिभिनः पित्तकराः इलेप्मध्ना भिन्नवर्चसः।

# Paistika bhaksya

The bhakṣya prepared of pastes is hot in potency and astringent. It produces more of wind and causes flatulence. It aggravates pitta and alleviates kapha. It is laxative.

48
विरुद्धककृता भक्ष्या गुरवोऽनिलिपत्तलाः ॥ ३५॥'
50
विदाहोत्क्लेदजनना रूक्षा दिष्टप्रदूषणाः ।

# Virūdhaka bhaksya

The *bhakṣya* prepared of germinated grains is heavy. It aggravates *vāyu* as well as *pitta* and produces a burning sensation as well as stickiness in the body. It is ununctuous and it vitiates eyesight.

51

52 भक्ष्या हृद्याश्च बल्याश्च गुरवो बृंहणात्मकाः।

## Another variety

386

The bhakṣya prepared of fruit, meat, vasā (muscle fat), vegetables, oil cake and honey is a cardiac tonic, strength promoting, heavy and nourishing.

54 गुरवस्तर्पणा हृद्याः क्षीरेक्षुरस**पूपकाः**॥३७॥

## $P\bar{u}paka$

 $P\bar{u}paka$  prepared of milk and sugar cane juice is heavy, refreshing and cardiac tonic.

56 57 सगुडाः सतिलाश्चैव सक्षीरक्षौद्रशर्कराः । 58 भक्ष्या बल्याश्च वृष्याश्च परं तु गुरवः स्मृताः ॥३८॥

#### Other varieties of bhaksya

The bhakṣya prepared of guḍa, tila, milk, honey and sugar is strength promoting, aphrodisiac and extremely heavy.

59 हृद्धाः सुगन्धिनो वृष्या लघवो वृतपाचिताः । वातपित्तहरा बैल्या वर्णदृष्टिप्रसादनाः ॥ ३६ ॥

The bhakṣya prepared by frying with ghee is cardiac tonic, fragrant, aphrodisiac, light, alleviator of vāyu as well as pitta and promoter of strength, complexion as well as eyesight.

विदाहिनस्तैलकृताः गुरवः कटुपाकिनः । 60 61 उठणा मारुतदृष्टिन्नाः पित्तरक्तप्रदूषणाः ॥ ४० ॥

The bhakṣya prepared by frying with oil produces burning sensation. It is heavy, pungent in vipāka and hot. It reduces vāyu and eyesight and vitiates pitta as well as rakta.

1

62 फलमांसेक्षुविकृतितिलमाषेण सस्कृताः भक्ष्या बल्यास्तु ग्रवो बृंहणा हृदयप्रियाः ।। ४१ ॥

The bhak sya prepared by adding fruit, meat, sugarcane products, tila and  $m\bar{a}sa$  is strength promoting, heavy, nourishing and pleasing to the heart.

63 खर्परांगारपक्वास्तु लघवो वातकोपनाः ।

The *bhakṣya* prepared by frying on a piece of earthen pot over charcoal is light and aggravator of  $v\bar{a}yu$ .

64 65 सिकलाटादयो भक्ष्या गुरवः कफवर्घनाः ॥ ४२ ॥

The bhakṣya prepared of kilāṭa (a milk product) is heavy and aggravator of kapha.

66 67 कुल्माषा वातला रूक्षाः गुरवो भिन्नवर्चसः । Kulmāsa

Kulmāsa aggravates vāyu. It is ununctuous, heavy and laxative.

66 69 द्रव्येण यद्गुणेनेह यद्वीर्येणेह साधिताः । 70 तद्वीर्यास्तद्गुणाश्चैव भक्ष्याः ज्ञेयाः चिकित्सकैः ॥४३॥' [माधवद्रव्यगुणः पानभक्ष्यवर्गे २७: ६७-७६]

#### Miscellaneous

A physician should know that the attributes and the potency of a type of *bhakṣya* is based on the attributes and potency of the ingredients by which it is prepared.

71 ॥ इति यूषादिकः ॥

Thus ends the group dealing with various types of  $y\bar{u}sa$  and allied food preparations.

#### NOTES AND REFERENCES

- शुष्कानामिप इति द्वितीयपुस्तके पाठः । शुद्धाना व्रणिनामिप इति आकरे पाठः ।
- 2. ग्रस्य व्लोकस्यानन्तरम् 'प्रीणनः प्राणजननः व्वासकासक्षयापहः' पाठोऽयं माधवद्रव्यगुणे अधिकमुपलभ्यते ।
- 3. रुचिष्यो इति ग्राकरे पाठः ।
- 4. दोषाणामपि रोधकृद् इति आदर्शपुस्तकेषु पाठः।
- 5. मसूरमुद्गगोधूमक्लत्थचणकैः इति आकरे पाठः ।
- 6. चाप्युक्तोऽनिलादिते इति म्राकरे पाठ.।
- 7. एकैकां इति आकरे पाठः।
- 8. वातिपत्तकफे हितः इति आकरे पाठः।
- 9. गुल्मशुलेषु इति श्राकरे पाठः।
- 10. नवागः इति आकरे पाठः ।
- 11. कफवातिजत् इति ग्राकरे पाठः ।
- 12. मुद्गामलकयूषस्तु इति ग्राकरे पाठः ।
- 13. शूलाध्मानविवंधनुत् इति चतुर्थपुस्तके पाठ.।
- 14. खलकाम्वलिकौ आकरे चतुर्थपुस्तके च पाठः।
- 15. कफानली इति ग्राकरे पाठः।
- 16. सस्नेहलवणं इति आदर्शपुस्तकेषु पाठः।
- 17. संयुतं इति आकरे पाठः ।
- 18. रिवतं इति आकरे पाठः।
- 19. संडिकनी इति चतुर्थपुस्तके पाठः।
- 20. च बृंहणी इति आकरे चतुर्थपुस्तके च पाठ:।
- 21. स्नेहं इति आकरे पाठः।
- 22. वा इति श्राकरे पाठः।
- 23. सुहिमं इति आकरे पाठः ।
- 24. द्रव्यसंयोगसंस्कारात् इति भ्राकरे पाठः।
- 25. यथायोगं इति आकरे पाठः ।
- 26. वृष्यावल्याः इति द्वितीयपुस्तके पाठः।
- 27. पुष्टिकराः इति ग्राकरे पाठः ।

- 28. दीपनाः इति आकरे पाठः ।
- 29. पित्तनाथना इति ग्राकरे पाठः।
- 30. कफावहा इति म्रादर्शपुस्तकेषु पाठ.।
- 31. रक्तमासला इति श्राकरे चतुर्थपुस्तके च पाठः।
- 32. बृहणा गौडिकाः भक्ष्याः गुरवोऽनिलनाशनाः इति ग्राकरे पाठः ।
- 33. पित्तवहा इति ग्राकरे पाठः ।
- 34. मध्रशीर्षकसंयाव इति ग्राकरे पाठ ।
- 35. मोदकास्तु इति आकरे पाठः।
- 36. सुदुर्जराः इति श्राकरे पाठः ।
- 37. कफघ्नः इति द्वितीयपुस्तके पाठः।
- 38. पित्तप्लीहात्प्तिकरो इति द्वितीयपुस्तके पाठः।
- 39. भक्ष्यास्तु इति स्राकरे पाठः।
- 40. सामिताः इति आकरे चतुर्थपुस्तके च पाठ. ।
- 41. बृंहणा वातिपत्तच्ना भक्ष्या बल्यास्तु सामिता इति आकरे पाठ: ।
- 42. 'मुद्गादिवेशवारैस्तु''''गुरुबृंहणाः' पाठोऽयं द्वितीयपुस्तके नोपलभ्यते ।
- 43. बलोपचयब हणः इति श्रादर्शपुस्तकेष् पाठः ।
- 44. अस्य क्लोकस्यानन्तरम् 'मांसनिरस्थिमुस्विन्नं पुनर्दृषदिचूणितं । पिप्पलीमरिचशुण्ठीगुडसिंपः समन्वितं । एवं विपाचयेत्सम्यक् वेसवार इति म्मृतः ।' पाठोऽयं चतुर्थपुस्तके अधिक-मपलभ्यते ।
- 45. इलेष्मजननाः इति ग्राकरे पाठ ।
- 46 रुच्या विशेया शालिसंभवाः इति स्राकरे पाठः ।
- 47. पौष्टिका भक्ष्याः कफपित्तप्रकोपणाः इति स्राकरे पाठ ।
- 48 विरूढककृताः इति श्राकरे पाठ ।
- 49. विष्टम्भिनः "गुरवोऽनिलिपत्तला पाठोऽय चतुर्थपुस्तके नोपलम्यते ।
- 50. रूक्षाः इति आकरे पाठः।
- 51. फलमासवसाशाकपटोलक्षौद्रसंयुताः इति म्रादर्शपुस्तकेषु पाठः ।
- 52. भक्ष्याः इति ग्राकरे पाठः ।
- 53. बृंहणास्तथा इति आकरे पाठः । बृंहणात्मता इति चतुर्थपुस्तके पाठः ।

- 54. गुरवस्तर्पणाः इति स्राकरे पाठः ।
- 55. क्षीरेक्षुरसपयसा इति चतुर्थपुस्तके पाठः।
- 56. खलिलाश्चैव इति द्वितीयपुस्तके पाठः ।
- 57. सक्षारक्षौद्रशर्कराः इति आकरे पाठः ।
- 58. गुरवो मताः इति स्राकरे पाठः ।
- 59. वृष्याः इति आकरे पाठः।
- 60. उष्णाः इति आकरे पाठः।
- 61. पित्तलासृक्प्रदूषणाः इति माधवद्रव्यगुणे पाठः ।
- 62. मासेक्षुवसाचे व तिलमाषेणसंस्कृताः इति द्वितीयपुस्तके पाठः, फलमाँसेक्षु-विकृतितिलमाषोपसंस्कृताः इति आकरे पाठः।
- 63. कर्पराङ्गारपक्तास्तु इति द्वितीयपुस्तके पाठः ।
- 64. सिकनाटादयो इति ग्राकरे पाठः ।
- 65. भक्ष्याः इति श्राकरे पाठः।
- 66 रूक्षाः इति स्राकरे पाठः।
- 67. ग्रस्यक्लोकस्यानन्तरम् 'लोहचक्रेसु प्रतप्रेयाचिताचकचर्तु'ला.।

भूयाः संस्वेदितांगारे गोधूमान्योनिका भवेत्।

पोलिका कफकृद्बल्यापित्तला वातन्दग्रः।

सात्युष्णारुचिकृत्पथ्या शीता सुगुरुरुच्यते ।

समिता निर्मितः ख्यातो मंडको विस्तृतस्तनुः ।

हस्तलालनयासिद्धः खप्परे मृद्विह्ना।

मंडका शुक्रलो ग्राही लघुर्दोषत्रयापहः।

शुद्धगोधूमचूर्णस्य स्थला जलविनिर्मिता ।

एतद् धूमानले पक्वा विज्ञेयांगारकदर्कटी ।

अगारककंटी बल्या बृंहणी सुक्रला लघुः।

दीपनी कफहृद्रोगपीनसण्वासकासजित्।

माषादी पिष्टिका मध्या पोलिका वेष्टनी मता।

वेष्टिनका वृष्या स्वादुः स्निग्धा [पित्ता]निलापहः ।

'उष्णा संतर्पणी बल्या शुक्रला बृंहणी परम्।

भिन्तमूत्रमलास्तन्यमेदः पित्तकफप्रदाः ।

गुदकीलादितश्वासयकुच्छूलविनाशिनी।'

[भावप्रकाशः कृतान्नवर्ग १२ : ४२-४३]

चमसीनवितापोली कथिता बलमदिका। किचिद् हीनगुणा प्रोक्ता वेष्टनी गुणतो वुधै:। धूमसी रचिता सैव ख्याता कर्करिका बुधै:। कर्करीकात् पित्तघ्नी किचिद्वातहरी मता। पूरिका तैलसंपक्ता रुच्या बलकरी गुरु। चक्षुस्तेजोहरा चोष्णा वातहृत् पित्तरक्तकृत्। घृतपक्वाऽपि तद्वतस्यात् चक्षुष्या रक्तपित्तहृत । प्रोक्ता मुहुवटी रुच्या बलकुद्धे गिणे हिता। मुद्गसूपगुणाः ये तु तष्टवात्राधिका मताः। माषस्य वटिका हृद्या बल्या पुष्टिप्रदायिनी । वातहृत् शुक्रला मोका तलितापि प्रलेहिता। वटी कुष्मांडसंयुक्तमाषपिष्टिकया कृता। अम्लिपत्तकरी ज्ञेया यक्रद्रातिवनाशिनी। चणकस्यापि वटिका व्यंजनेषु वरा भवेत्। रुच्या विष्टम्भजननी बल्या पुष्टिविवद्धिनी। तकादिक्वाथसंसिद्धा क्वथिका कथिता बुधैः। क्वथिका पाचनी हृद्या रुच्या विह्नप्रदा लघु। कफानिल विबंध ह्नी किचित्पत्तप्रकोपिणी। जीरैहिंगु इवेणोषरालवणयुतै राईकै:। पूर्णगर्भश्चकाकार सुपुष्टः प्रचुरपरिमल कोमलः। क्कूमाभः प्राप्ते दंतान्तरालं मुरूमुरूः खणः स्वच्छा । तैले सूपक्वो धन्यानामास्यदेश प्रविशति। चठको भीमभोगायसिद्धाः। वटः शुष्को वातहरो बल्यो विष्टम्भिपत्तकृत्। ग्राह्लादजनकः प्रोक्तो दाहकरी त्षाकरः । सष्टवद्योलमग्रश्वेद्रुव्यः शुक्रकरो गुरुः। बल्यो विष्टंभकारी च विदाही पवनापहः। कांजिके वटको रुच्यो वातजित्कफकारकः। पित्तरक्तकरश्चोक्तो न हितो नेत्ररोगिणा। सामेतावत्तिर्काः कृत्वा सुसूक्ष्मा यवसनिभाः। शुष्का पायसवत्साध्या भोज्याः खडघुतान्विताः ।

सेविका तृष्ति जननी रुचिपित्तानिलापहा। सधानकृद्ग्राहिणी च सा सेव्या स्तोकमात्रया। सुभेऽर्धसाधिते दुग्धे घृताक्तास्तदुतान् क्षिपेत् । सुसिद्धा खंडसंयुक्तां चद्राभा क्षीरिका भवेत्। क्षीरिकार्दु ज्जरा बल्या धातुपृष्टिप्रदा गुरुः। विष्टम्भिनी हरेत्पिन रक्तपित्तारिनमारनान्। गोसिका गुरवो भक्ष्या वातच्ना कफशुक्रलाः। पोलिका घृतसंपक्व। सूक्ष्मा सोहालिका मता। सौहाली शुक्रला रुच्या वातपित्तहरा गुरुः। प्टैरनेकै: सयुक्ता सोमाली फेनिका भवेतु । फेनिकं मध्रा शीता वृष्या गुर्वी मनोहरा। वातपत्तहरी बल्या किचित्कफकरी सरा। चकाकाराः सुपुष्टाश्चमसपिसमिता कृताः । घृते सिद्धाः पन्वखडमडिता मध्वीर्षकाः। समितां सपिषा भूष्टा सिनामरिचमिश्रिता। एलालवगकप्रचुणादि परिसस्कृता। क्षिप्ताऽन्यसंमिता तपुटे सर्पिषि सपचेत । तरु. खडेतिपववेन स्यावोऽयम्दाहृत । सयावमिव जानीयान्मधुशीर्षकवद्गुणै । समिता सेविकाः कृत्वा वर्त्तिवत्पाचिता घतै । मिश्रिताः पक्वखण्डेन ताभिभविति मोदकः। सेविका लडुका बल्या गुरवो मधुग हिमाः। वातिपत्तहराः स्निग्धा गुत्रला स्नेप्मकारिण.। कृताकर्करपात्रेण पिष्टिका विदयो घृते मदिना । पक्वखंडेन राडुकविधायने । मोदको मुद्गसिद्धः प्रणिनो वातपित्तहत्। रुचिकृदुलकृत्सद्यः किचित्कफकरो हिम । स चेच्चणकससिद्धो विशेषाद्वातलो मनः। समिता सधिता क्षिप्ता सछिद्रे भाजनातरे । परिभ्राम्यपरिभ्राम्य पतिता तप्तसपिषि । द्विशः वृत्या त्रिरावृत्या विहिता ककणा कृतिः ।

सितादवे मिज्जता च रसगर्भेति सोच्यते। रसगर्भा परं रुच्या पृष्टिकाऽतिबलप्रदा। धातुवृद्धिकरी गुर्वी तर्पणी वातपित्तहृत्। ग्राममाम्रफलं खंड इव पक्व घृतान्वित । एलामरिचसंयुक्तं ज्ञातव्यं स च खाडवः। खंडाम्रखाडवः स्निग्धो मघुरोऽष्णो गुरुस्तथा। परं रुचिकरो बल्यस्तुष्टिपुष्टिप्रदो मतः। समिता सर्पिषा भृष्टा शुभ्रशक्करया युता । यूता क्षीरेण संपक्वा लिप्सका मरिचान्विता। लप्सिका बृहणी वृष्या वातपित्तहरा गुरु: । मेहः कफकरी स्निग्धा रुच्या तृष्तिप्रदायिनी । एलालंवगकप्रमरिचैः सहशक्करा। भ्रम्लीका फलसंभूतं पानकं वातनाशन। कफपित्तकर किचित्सुरुच्य विह्नबोधन । श्रपक्वाम्लफलोद्भुत पानक वातनाशनं। कफपित्तकर चाम्लं रुच्य पक्वा स्रसंभवं। तत्तु स्वाद्रष्ट च गुरुपित्तहृत्। विदंश्लेष्मलवल्य चूर्णं वृष्यवमे नाशयेत्। निबुज पान पाचनं वातनाशनं। धान्यकल्कसिताजात पानकं शशिवासितम्। शीतं परं पित्तहरं मूत्रकृच्छ्विनाशन । अपनवभृष्टो गोधुमो वृधैहवीति कथ्यते । उंदी कफप्रदा बल्या लघ्वी पित्तानिलापहा। शिबीधान्यैवृंद्धपक्वैस् भृष्टैहोंलको मतः। होलको वातलो मेदकफदोपश्रमापहः ।' वहुप्रमादपर्णः पाठोऽयं चतुर्थपुस्तके अधिकमुपलभ्यते ।

- 68. यद्गुणेनेह इति म्राकरे पाठ.।
- 69. यहीर्येण च इति आकरे पाठ.।
- 70. भक्ष्याध्विकित्सकै इति ग्राकरे पाठ: ।
- 71. इति पानभक्ष्यवर्गः इति स्राकरे पाठ । इति यूपादिकमः इति चतुर्थपुस्तके पाठ ।

### **CHAPTER 28**

'शीतोष्णतोयासवमद्ययूषफलाम्लधान्याम्लपयोरसानाम् ।
1 2 3
यस्यानुपानं तु हित भवेद्यत्तस्मै प्रदेय तु हि मात्रया वै ॥१॥
4 5 6
व्याधि काल च विभाव्य धीरैर्द्रव्याणि योज्यानि च तानि तानि ।

# Anupāna

Cold water, hot water, āsava, alcohols, yūṣa, phalāmla, dhānyāmla, milk and juice—these are generally used as anupāna and these should be used in proper quantity after ascertaining their utility, the nature of the disease and its stage of manifestation.

सर्वातुपानेषु वर वदन्ति मेध्यं यदम्भः शुचिभाजनस्थम् ॥ २॥' [माधवद्रव्यगुणः अनुपानविधि २८:१-२]

Among all the anupānas the water which is kept in a clean pot is the best. It promotes intellect.

'स्निग्धोष्ण मारुते शस्तं पित्ते मधुरशीतलम् । कफेऽनुपान रूक्षोष्ण क्षये मांसरसः परम् ॥ ३॥ इष्णोदकानुपानं तु स्नेहानामथ शस्यते ।

# ऋते भल्लातकस्नेहात्तत्र तोयं सुशीतलम् ॥ ४॥

If there is aggravation of  $v\bar{a}yu$ , anupānas which are unctuous and hot are useful; in pitta sweet and cooling anupānas are useful and in kapha ununctuous and hot anupānas are useful. If there is  $k\bar{s}aya$  (consumption) meat soup is the best anupāna.

After taking oil, ghee etc. hot water should be used as anupāna. The oil of bhallātaka is an exception to this rule and cold water should be used after this oil.

After honey and pastries (pistanna) the anupana should invariably be oil,  $y\bar{u}sa$ ,  $amla\ k\bar{a}\tilde{n}jika$  or cold water. Similar types of anupana are useful after the intake of dadhi,  $p\bar{a}yasa$  and alcohol and in visa (poisoning).

According to some scholars ordinary water should be used as anupāna after taking pastries (piṣṭa).

Milk and meat soup should be used as anupāna for persons taking śāli, mudga etc.

Dhānyāmla or dadhi mastu is useful as anupāna for persons taking māsa etc.

Alcohol is useful as anupāna for persons suffering from weak digestive power, sleeplessness, drowsiness, śoṣa (consumption), bhrama (giddiness) and klama (physical fatigue) and also for persons who are habituated to alcohol and meat.

श्रमद्यपानामुदक फलाम्लं वा प्रशस्यते ।

Persons who are not accustomed to drinking should use water or phalāmla as anupāna.

15 उपवासाध्वभाष्यस्त्रीमाण्तातपकर्मभिः ॥ ६॥ 16 क्लान्तानामनुपानार्थ पयः पथ्यं परं स्मृतम् ।

Milk is extremely wholesome for persons who are fatigued because of fast, excessive walking, talking or sexual intercourse and exposure to wind, sun ray or excessive exercise.

सुराकृशाणा स्थूलानामनुपान मध्दकम् ॥ १०॥

 $Madh\bar{u}daka$  should be used as  $anup\bar{a}na$  by persons who are emaciated because of excessive drinking and also for persons who are obese.

17 18 निरामयाणा चित्तं [?] तु भुक्तमध्ये प्रकीतितम् ।

For healthy persons anupāna should be used in the middle the food.

हितं शोणितिपितोभ्यः क्षीरिमिक्षुरसरतथा ॥ ११ ॥

Patients suffering from *sonita pitta* (a disease characterised ty bleeding from different parts of the body) should use milk isugar cane juice as anupāna.

19 ग्रक्षशेलुशिरीषाणामासवास्तु विषात्तिषु ।

Patients suffering from poisoning should use the āsava of aksa, šelu and širīṣa as anupāna.

वोषवत् गुरु वा युक्तमितमात्रमथापि वा । 21 यथोक्तेनानुपानेन सुखमन्नं हि जीर्ज्यति ॥ १२॥

When anupāna is used in excess quantity, then it is injurious and heavy. If anupāna is used according to the prescription, then it helps in easy digestion of food.

रोचनं बृंहणं वृष्यं दोषसंघातभेदनम्'।
23
तर्पण मार्दवकरं श्रमक्लमहरं सुखम्।। १३।।
दीपन दोषशमन पिपासाछेदनं परम्।
24
बह्य वर्णकर चापि श्रमुपानं सदोच्यते।। १४।।

Anupāna is invariably appetiser, nourishing and aphrodisiac. It helps in the detachment of all the dosas from the tissue elements. It is refreshing. It produces softness and cures physical as well as mental fatigue. It produces happiness, stimulates digestion, alleviates dosas, reduces thirst and promotes strength as well as complexion.

तदादौ कश्येत्पीतं स्थापयन्मध्यसेवितम् । पश्चात्पीतं बृंहयित तत्समीक्ष्य प्रयोजयेत् ॥ १५ ॥

If anupāna is used before food, then it causes emaciation. If it is used in the middle of the food, then it keeps the dosas in their proper positions. If it is used after food, then it produces a nourishing effect. Keeping these facts in view one should administer anupāna.

स्थरतांगतमिवलन्तमन्तमद्भवपायिनाम ।
27
भवत्यावाधाजननमनुपानमतः पिवेत् ।। १६ ।।
28
न पिबेच्छ्वासकासात्तों रोगे वाप्यूर्ध्वजत्रुगे ।
20 30
क्षतोरस्तु प्रसेकी च यस्य [ह्य]पहतः स्वरः ।।१७॥

If food is taken without any drink, then it remains there without undergoing the process of softening. Therefore one should use anupāna. It should not be used by patients suffering from  $\pm v\bar{a}sa$  (asthma),  $\pm v\bar{a}sa$  (bronchitis), diseases of the head and neck, urah  $\pm v\bar{s}saa$  (phthisis), praseka (excessive slivation) and impairment of voice.

31 पानाध्वभाष्याध्ययन स्वप्नमेतान्न शीलयेत् । 32 प्रदूष्यामाशयं तद्धि तस्य कंठोरसि स्थितम् ॥ १८॥ 33 स्यादिग्नसादछद्यदिन् जनयेदामयान्बहून् ।

One should not indulge in drinking, walking, talking, reading and sleeping in excess. By doing so the stomach gets vitiated and the *doṣas* situated in the throat and chest produce indigestion, vomiting and many such diseases.

34 अनुपाने प्रयोक्तव्य व्याधौ ब्लेब्मभवे पलम् । पलद्वय त्वनिलजे पित्तजे च पलत्रयम् ॥ १६ ॥' [माधवद्रव्यगुणः स्रनुपानविधि २८:४-२१|

In diseases caused by kapha the anupāna should be administered in a dose of one pala (48 ml.). In diseases caused by vāyu its dose is two palas (96 ml.). In diseases caused by pitta the dose of anupāna is three palas (144 ml.).

# ।। इत्यनुपानविधिः ॥

Thus end the section dealing with the method of administration of different types of anupāna.

#### **NOTES AND REFERENCES**

- 1. भवेद्धितं यत्तस्मै प्रदेयं त्विह मात्रया तत् इति भाकरे पाठः ।
- 2. भवेत्सत्तस्मै इति द्वितीयपुस्तके पाठः।

- 3. च इति चतुर्थपुस्तके पाठः।
- 4. द्रव्याणि इति द्वितीयपुस्तके पाठः ।
- 5. विभज्य इति आकरे पाठः।
- 6. योग्यानि इति द्वितीयपुस्तके पाठः ।
- 7. नोष्णं इति द्वितीयपुस्तके पाठः ।
- 8. ग्रनुपानं वदन्त्येके इति आकरे पाठः।
- 9. तैले इति म्राकरे पाठः ।
- दिधपायसमद्यात्तिविषयुक्ते तथैव च इति म्राकरे पाठः ।
   दिधपायसमद्यानां विषयुक्तास्तथैव ये इति द्वितीयपुस्तके पाठः ।
- 11. केचिदिष्टतम इति द्वितीयपूस्तके पाठः ।
- 12. यूषो मांसरसो इति भ्राकरे चतुर्थपुस्तके च पाठः।
- शालिमुद्गादियोजितम् इति ग्रादर्शपुस्तके पाठः ।
   शालिमुद्गादिभोजने इति चतुर्थपुस्तके पाठः ।
- 14. तंद्रीशोकभ्रमक्लमैः इति भ्राकरे पाठः ।
- 15. उपवासाध्वकार्यस्त्री इति द्वितीयपुस्तके पाठः ।
- 16. तथाऽमृतम् इति आकरे पाठः ।
- 17. चित्रं इति ग्राकरे पाठः ।
- 18. प्रशस्यते इति म्राकरे चतुर्थपुस्तके च पाठः।
- 19. श्रकेंशेलुशिरीषाणां मांसमस्तु विषात्तिषु इति ग्रादर्शपुस्तके पाठः ।
- 20 दोष च इति आदर्शपुस्तके पाठः।
- 21. प्रजीर्यति इति आकरे पाठः।
- 22. 'रोचनं ' दोषसंघात भेदनम्' पाठोऽय चतुर्थपुस्तके नोपलभ्यते ।
- 23. सर्वेक्लमहरं इति द्वितीयपुस्तके पाठः ।
- 24. त्वनुपानं इति ग्राकरे पाठः ।
- 25. तर्पयेत्पीत इति द्वितीयपुस्तके पाठः ।
- 26. भवत्यबोधजननमनुपानमतः इति म्रादर्शपुस्तके पाठः।
- 27. न रोगे तुर्ध्वजत्रुगे इति ग्राकरे पाठः ।
- 28. क्षतोरस्कः इति आकरे पाठः ।
- 29. यः स्याच्चोपहतस्वरः इति ग्राकरे पाठः।

यस्य द्यापहतः स्वरम् इति द्वितीयपुस्तके पाठः ।

- 30. पीत्वाध्वभाष्याघ्ययनगेयस्वप्नान्न इति आकरे चतुर्थपुस्तके च पाठः।
- 31. प्रदूष्यामाशये इति आदर्शपुस्तके पाठः।
- 32. मंदाग्निसादछर्दादीन् इति आकरे पाठः । अग्निमान्दछर्दादीन् इति द्वितीयपुस्तके पाठः ।
- 33. अनुपान इति आकरे पाठः।
- 34. फलम् इति द्वितीयपुस्तके पाठः ।
- 35. ग्रनुपानाधिकारः इति चतुर्थपुस्तके पाठः ।

#### **CHAPTER 29**

चित्रकाऽभावतो दन्ती क्षारशिखरिजोऽथवा ।

If citraka is not available, then in its place dantī or the kṣāra of śikhari should be used.

म्रभावे पृष्णिपण्यश्चि सिंहपुच्छी प्रदीयते ॥ १ ॥

In the case of non-availability of pṛṣṇī parṇī, one should use simha pucchī.

भाङ्गर्यंऽभावे तु तालीसं कंटकारीजटाऽथवा ।

If  $bh\bar{a}rng\bar{i}$  is not available, then  $t\bar{a}l\bar{i}sa$  or the root of  $kantak\bar{a}r\bar{i}$  should be used in its place.

श्रभावे धन्वयासस्य प्रक्षेप्या च दुरालभा ॥ २ ॥

If  $dhanvay\bar{a}sa$  is not available, then  $dur\bar{a}labh\bar{a}$  should be added in its place.

पुंजातः [मुंजातः?] पश्चिमे ख्यातस्तस्याभावे तू तालविट् ।

In the place of the drug which is known in the western

regions as pumjāta, one should use tālaviţ.

नततगरपाद्याश्च अभावे वेणु निक्षिपेत् ॥३॥

If nata or tagara pādi is not available, then in its place veņu should be added.

श्रभावे तगरस्यापि कुष्ठं तु प्रक्षिपेत्सदा ।

If tagara is not available, then kustha should always be added in its place.

क्षिपेत् करिकणाभावादपि कृक्कुटमस्तकम् ॥ ४॥

If karikaņā is not available, then one should use in its place kukkuţa mastaka.

श्रभावेऽभ्रकसत्त्वस्य कांतलौहं प्रयोजयेत् ।

If the sattva (essence) of abhraka is not available, then in its place  $k\bar{a}nta\ lauha$  should be used.

कान्ताभावे तीक्ष्णलौह योजयेत् वैद्यसत्तमः ॥ ५॥

If kānţa lauha is not available, then an expert physician should used tīkṣṇa lauha in its place.

मुवीभावे त्वचो ग्राह्या ततो जिंगिनिसभवा ।

If  $m\bar{u}rv\bar{a}$  is not available, then in its place the bark of jingini should be used.

अर्कपर्णादिपयसो ह्यभावे तद्रसो मतः ॥६॥

If the latex of  $arka\ parn\bar{\imath}$  etc. is not available, then in its place the  $y\bar{u}sa$  of these plants is recommended.

लाङ्गल्यभावतो वस्त्रीपत्रं दद्यात् विचक्षणः ।

An expert should use vahnī patra in the place of lāngalī if the latter is not available.

श्रहिस्रायाः श्रभावे तु मानकदः प्रकीत्तितः ॥ ७ ॥

If ahimsrā is not available, then in its place māna kanda is to be used,

लक्ष्मणाया अभावे तु नीलीकंदशिफा मता ।

If lakṣmaṇā is not available, then the root of nīlī kanda should be used.

यदा न पौष्कर मूल कुष्ठ योज्यं तदा वुधै: ।। ८ ।।

If  $puskara \ m\overline{u}la$  is not available, then in its place kustha should be used by the Wise.

चिवकागजिपप्पत्यौ पिष्पलीमूलवत् स्मृतौ ।

Cavikā and gaja pippalī have effects like pippalī mūla.

भल्लातकासहत्वे तू रक्तचंदनिमध्यते ॥ ६॥

If a person is not able to tolerate bhallātaka, then he should be given rakta candana.

ग्रभावे सोमराज्यास्तु प्रपुत्नाडफलं मतम्।

If somarāji is not available, then in its place the fruit of prapunnāḍa is recommended.

यदा न स्यात् दारुनिशा तदा देया निशा वुधैः।।१०॥

When  $d\bar{a}ru$   $nis\bar{a}$  is not available, then the Wise should use  $nis\bar{a}$ .

रसाजनस्याभावे तु सम्यक् दावीं प्रयोजयेत् ।

If rasāñjana is not available, then in its place dārvī is used.

सौराष्ट्रचभावतो देया कटिभी तद्गुणा जनैः ।।११॥

If saurāṣṭri is not available, then in its place kaṭibhī which has similar properties should be used.

अम्लगेतसकाभावे चुक दातव्यमीरितम् ।

If amla vetasa is not available, then in its place cukra

should be used.

रुचकाभावतो दद्यात् लवण पांशुपूर्वकम् ॥ १२ ॥

If rucaka is not available, then in its place pāmsu lavaņa should be added.

सुवर्णमथवा रूप्यं मृत यत्र न विद्यते । तत्र लोहेन कर्माणि भिषक् कुर्याद् विचक्षणः ।।१३।।

If the bhasma of suvarna or  $r\bar{u}pya$  is not available, then in its place an expert physician should give lauha.

सुवर्णीभावतो वैद्यो माक्षिक वापि नि.क्षिपेत् । माक्षिकस्याप्यभावे तु प्रदद्यात् स्वर्णगैरिकम् ॥ १४ ॥

If suvarna is not available, then in its place the physician should add mākṣika. If, however, mākṣika is not available, in its place svarna gairika should be used.

हेममाक्षिकजं सत्त्वं मृतहेमसमं गुणैः ।

The sattva (essence) of hema mākṣika is similar to svarņa bhasma in properties.

इवेतं तु माक्षिकं ज्ञेयं घ्रुव रजतवद् गुणैः ।। १५ ॥

The white variety of *mākṣika* is certainly like *rajata* in property.

वज्राभावे तु वैक्रान्तं मुनयः प्रक्षिपंति च ।

If vajra is not available, then the sages use vaikrānta in its place.

कर्पूराभावतो देयं ग्रन्थिपर्ण विशेषतः ॥ १६॥

If  $karp\overline{u}ra$  is not available, then granthi parna is used in its place.

श्रीखण्डचंदनाभावे कर्पुरं देयमिष्यते ।

अलाभे त्वेतयोर्वेद्यः प्रक्षिपेद्रक्तचन्दनम् ॥ १७॥ रक्तचन्दनकाभावे नवोशीर विद्व्धाः ।

If  $\dot{s}r\bar{\imath}khan\dot{q}a$  candana is not available, then in its place  $karp\bar{u}ra$  should be added. If both of them are not available, then the Wise should use rakta candana in their place. If rakta candana is not available, then the freshly collected  $u\dot{s}\bar{\imath}ra$  is used in its place.

तालीसपत्रकाभावे स्वर्णताली प्रशस्यते ॥ १८ ॥

If  $t\bar{a}l\bar{i}sa\ patra$  is not available, then in its place svarņa  $t\bar{a}l\bar{i}$  is useful.

अभावे नागपुष्पस्य पद्मकेसरमुच्यते ।

If nāga puṣpa is not available, then padma keśara is to be used.

कस्तूर्यभावे कक्कोलं प्रक्षेप्यं तु विदुर्बुधाः ।। ११ ।। कक्कोलस्याप्यभावे तु जातीपुष्पं प्रशस्यते ।

If  $kast\overline{u}r\overline{i}$  is not available, then the Wise should add kakkola in its place. If kakkola is not available, then the flower of  $j\overline{a}ti$  is useful in its place.

नीलोत्पलस्याभावे तु कुमुदं देयमिष्यते ॥ २०॥

If nīlotpala is not available, then in its place kumuda should be used.

जातीपुष्पं न यत्रास्ति लवगं तत्र दीयते ।

If the flower of  $j\bar{a}ti$  is not available, then in its place lavanga is added.

वंधूकाभावतो देयं पुष्पं पुन्नागनामकम् ॥ २१॥

If  $vandh\overline{u}ka$  is not available, then in its place the flower called  $punn\overline{a}ga$  should be added,

वकुलाभावतो देयं कल्हारोत्पलपंकजम् ।

If bakula is not available, then in its place kalhāra, utpala and pankaja can be used.

द्राक्षा यदि न लभ्येत प्रदेयं काश्मरीफलम् ॥ २२ ॥ तयोरभावे कुसुमं मधूकस्य मतं बुधैः ।

If  $dr\bar{a}k\bar{s}\bar{a}$  is not available, then in its place the fruit of  $k\bar{a}\bar{s}mar\bar{i}$  should be added. If both of them are not available, then the flower of  $madh\bar{u}ka$  should be used.

मेदाजीवककाकोलीऋद्धिद्वन्द्वेऽपि वाऽसति ।। २३ ।। यष्टीविदार्यश्वगंधावाराही च क्रमात् क्षिपेत् ।

If both the types of each of medā, jīvaka, kākolī and rddhi are not available, then in their places yaṣṭī, vidāri, aśvagandhā and vārāhī should be added respectively.

वाराह्याश्च तथाभावे चर्मकारालुको मतः ॥ २४ ॥

If  $v\bar{a}r\bar{a}h\bar{i}$  is not available, then in its place  $carmak\bar{a}r\bar{a}luka$  should be used.

न भवेत् दाः डिम यत्र वृक्षाम्ल तत्र योजयेत् ।

If  $d\bar{a}dima$  is not available, then in its place  $v_r k_s \bar{a} m l a$  should be used.

क्षीराभावे रसो मौद्ग. मासूरो वा प्रदीयते ॥ २५ ॥

If milk is not available, then the juice of mudga or masūra should be used.

रूचकतैलाभावे तु हितमारुष्कर विदु: ।

If the oil of rūcaka is not available, then in its place the oil of aruṣkara should be used.

मुक्ताभावे क्षिपेन्नित्यं मुक्ताशुक्ति न सग्रयः ॥ २६ ॥

If muktā is not available, one can undoubtedly use muktāśukti in its place.

> मधु यत्र न लभ्येत तत्र जीर्णगुडो मतः । अनर्हत्वादभावाद्वा मधुनः शस्यते वृधैः ॥ २७ ॥ रम्भापुष्परसञ्चापि खांडजलमथापि वा ।

If honey is not available, then in its place old guḍa is recommended. If honey is either not available or not suitable for the patient, then in its place the Wise should use the juice of rambhā puṣpa or water mixed with khanḍa.

मत्स्याण्ड्यभावतो दद्यात् भिषिभ सितशर्करा ॥२८॥

If matsyāndi is not available, then in its place a physician can give white variety of śarkarā.

सिद्धार्थः सर्षपे योज्याद्वैद्यविद्याविशारदैः ।

A person proficient in medical science should use siddhār-tha in the place of sarṣapa.

असंभवे सितायाश्च बुधैः खडं प्रयुज्यते ॥ २६ ॥

If sitā is not available, then the Wise should use khanda.

अभावे वेतसाम्लस्य चणकाम्लमिप क्षिपेत् । एतयोश्च ग्रभावेऽपि हेमंताम्लं समादिशेत् ॥ ३०॥

If vetasāmla is not available, then in its place caṇakāmla may be used. If both of them are not available, then in their place, the use of hemantāmla is advised.

मुस्ता चातिविषाऽभावे शिवाऽभावे शिव भवेत् ॥३१॥

If ativiṣā is not available, then in its place mustā should be used. If  $\dot{siva}$  (harītakī) is not available, then in its place  $\dot{siva}$  (āmalaka) should be used.

स्रभावे सति पत्राणां रसादौ भावनाविधिः । विषमुष्टिकषायेण षड्गुणा भावना भवेत् ॥ ३२ ॥

If it is prescribed in the text to give bhāvanā (impregnation) by the juice of the leaf viṣamuṣṭi, and if it is not available, then in its place the decoction of this drug six times in quantity can be used.

अभावे शालिधान्यस्य पष्टिकादि न्यसेत् बुधैः।

If *śāli dhānya* is not available, then in its place *ṣaṣṭika* etc. should be added.

मसूराभावतो दद्यात् शशहंसाखुकानपि ।। ३३ ।।

If  $mas\overline{u}ra$  is not available, then in its place the juice of the meat of  $\dot{s}a\dot{s}a$ ,  $ha\dot{m}sa$  and  $\ddot{a}khu$  can be used.

ग्रत्र प्रोक्तानि वस्तूनि यानि यानि च तेषु च। योज्यमेकतराभावे परं वैद्येन जानता ॥ ३४॥

The substitute drugs described in this chapter can be used by a wise physician when the original drugs are not available.

> रसवीर्यविपाकाद्यैः समद्रव्य विचिन्त्य च । युज्यादेवंविधमन्यद्द्रव्यज्ञानविशारदः ।। ३५ ॥

A physician well versed in materia medica should decide substitutes of similar other drugs by taking into consideration their rasa (taste), vīrya (potency), vipāka (taste after digestion) etc.

भ्रन्तःसम्मार्जने मोदास्थाने योज्या यवानिका । बहि:सम्मार्जने मोदास्वजमोदैव गृह्यते ।। ३६ ॥

In the place of  $mod\bar{a}$ ,  $yav\bar{a}nik\bar{a}$  should be used if the formula is meant for internal cleansing and  $ajamod\bar{a}$  should be used if the formula is meant for external cleansing.

श्रन्त.सम्मार्जने योज्यं वचास्थाने कुलिजनम् । वहि सम्मार्जने सैव प्रयोज्यात् [?] मरगिषिभिः [?] ॥ ३७॥

In the place of vacā, kuliñjana is used if the formula is meant for internal cleansing. For external cleansing, however, vacā as such can be used in the formula.

कृष्णजीरकयोगेन कर्तव्ये भक्ष्यभेषजे । तस्य स्थाने विधात्व्यो जीरकः कुश्चलो [भिषक्] ॥ ३ ॥

If any food preparation or medicine is described to be prepared by adding  $k_l s_l a_l j_l r a_l a_l$ , then in its place white variety of  $j_l r a_l a_l$  should be used by an expert physician.

# ।।इति अनुकल्यवर्गः॥

Thus ends the chapter dealing with various types of substitutes and allied topics.

#### CHAPTER 30

दानशीलदया — सत्यत्रह्मचर्यकृतज्ञता ।

रसायनानि मैत्री च पुण्यायुर्वे द्विकृद्गणाः ॥ १॥

Charity, good conduct, compassion, truthfulness, celibacy, gratefulness, rejuvenation therapy and friendship—these constitute the group which promotes virtue and longevity.

# सुश्रुताद्गणान् वक्ष्यामः

उद्देशमात्रमपि लक्षणं प्राग्यदुक्तं व्यक्तं व्यनिक्त पवनादिगदातुराणां । नृणामदृष्टचरकादि जडात्मनोऽपि प्रज्ञावतः किमृत कायचिकित्सकस्य ॥२॥

## Description of groups of drugs according to Suśruta

What has been described in brief before clearly shows the way for the treatment of patients suffering from diseases caused by  $v\bar{a}yu$  etc. even to a less intelligent person who is not acquainted with Caraka etc. It is not necessary to describe the

usage to which these drugs can be put by an intelligent physician who is specialised in the treatment of internal diseases.

दोषधातुमलमूलिमद रुग्युक्तमुक्तमृषिभिनृ शरीरम् ।
तिद्वकारमुपलभ्य भिषिभिर्भेषजैरुपश्चमः करणीयः ॥ ३ ॥
इतीदमुक्तं यदुदीरितं पुरा समुच्चये सूत्रमिवस्तरौषधम् ।
2
कियद्भिरप्यौषधसग्रहैर्गणैनिगद्यते चान्यदतिश्चिकित्सितम् ॥ ४ ॥
3
स्यात्सप्तित्रिश्चमेभिर्गणैवीक्ष्यवातिपत्तकफान् ।
योगा रोगात्तीनां विभज्य भिषजा प्रकल्पन्ते ॥ ४ ॥

It has been stated by the sages that the human body which suffers from diseases is a conglomeration of doşas, dhātus (tissue elements) and malas (waste products). If there is morbidity in this body, the physician should alleviate these ailments by the administration of drugs. This has already been stated before in brief. Now some of these drugs are being described by putting them into different groups for the convenience of treatment. These groups are thirty-seven in number. After ascertaining the predominance of either vāyu, pitta or kapha and the nature of the compound, disease and the patient, the physician should administer these drugs after proper selection.

घृततैलचूर्णकल्कप्रलेपसेकावगाहपानानि । ग्रास्थापनमनुवासननस्यांजनवितिविधा यश्च ॥ ६ ॥

These drugs can be used in the form of medicated ghee, medicated oil, powder, paste, unguent, spray, bath, drink, āsthāpana type of enema, anuvāsana type of enema, inhalation, collyrium and suppository.

# सुश्रुतः

समीक्ष्य दोषभेदांश्च गणान्भिन्नान्प्रयोजयेत् ।

पथक्मिश्रान्समस्तान्वा गणान्वाच्यस्तु संहतान् ॥७॥

[सुश्रुतः सूत्र ३८:८२]

#### Suśruta

Depending upon the nature of the doşas involved in the manifestation of the disease, the physician should prescribe drugs described in these groups either separately or jointly. Even drugs of all the groups can be used together.

#### 'तद्यथा----

१. विदारीगन्धा विदारी विश्वदेवा सहदेवा श्वदंष्ट्रा पृथक्पर्णी श्रुगालविन्ना शतावरी सारिवा जीवकर्षभकौ महासहा क्षुद्रसहा बृहत्यौ पुनर्नवैरण्डो हंसपादी वृश्चिकालीऋषभश्चेति ।। ८ ।।

# (1) Vidārigandhādi gaņa

This group includes vidāri gandhā, vidārī, viśvadevā, sahadevā, śvadamṣṭrā, pṛthakparnī, sṛgāla vinnā, śatāvarī, sārivā, jivaka, ṛṣabhaka, mahā sahā, kṣudra sahā, bṛhatī, kaṇṭakārī, punarnavā, eraṇḍa, hamsa pādī, vṛścikālī and ṛṣabha.

विदारीगन्धादिरयं गणः पित्तानिलापहः । शोषगुल्मागमदोध्वरवासकासविनाशनः ॥ ६॥

Drugs of this group alleviate pitta and vāyu, and cure śoṣa (consumption), gulma (phantom tumour), anga marda (malaise), urdhva śvāsa (dyspnoea) and kasā (bronclutis).

२. म्रारग्वधमदनगोपघोण्टाकण्टकीकुटजपाठापाटलामूर्वेन्द्रयवसप्तपर्णनिब-कुरण्टकदासीकुरण्टकगुड्चीचित्रकशाङ्ग<sup>ें</sup>टठापरूषकरंजद्वयपटोलिकरातति-क्तकानि सुषवी चेति ।। १० ॥

# (2) Āragvadhādi gaņa

This group includes āragvadha, madana, gopa ghonṭā, kaṇṭakī, kuṭaja, pāṭhā, paṭalā, mūrvā, indrayava, saptaparna, nimba, kuranṭaka, guḍūcī, citraka, śārṅgiṣṭhā, parūṣaka, both the types of karañja, paṭola, kirāta tikta and suṣavī.

श्रारम्बधादिरित्येष गणः श्लेष्मविषापहः । मेहकुष्ठज्वरवमीकण्डूष्नो व्रणशोधनः ॥११॥ Drugs of this group alleviate kapha and poisoning, and cure meha (obstinate urinary disorders including diabetes), kuṣṭha (obstinate skin diseases including leprosy), jvara (fever), vamī (vomiting) and kaṇḍū (itching). They also help in the cleansing of ulcers.

३. सालसाराजकर्णखदिरकदरकालस्कन्धक्रमुकभूजमेषप्रञ्जीतिनिशचंदन-कुचंदनशिशिपाशिरीषासनधवार्जुननक्तमालाश्वकर्णशाकगुडूचीकालीय-कश्चेति ॥ १२ ॥

# (3) Sālasāraādi gana

This group includes sālasāra, ajakarņa, khadira, kadara, kāla skandha, kramuka, bhūrja, meṣa śṛṅgī, tiniśa, candana, kucandana, śiṁśipā, śirīṣa, asana, dhava, arjuna, naktamāla, aśvakarṇa, śāka, guḍūcī and kālīyaka.

सालसारादिरित्येष गणः कुष्ठविनाशनः । मेहपाण्ड्वामयहरः कफमेदो विशोधनः ॥ १३॥

Drugs of this group cure kustha (obstinate skin diseases including leprosy), meha (obstinate urinary disorders including diabetes) and  $p\bar{a}ndu$  (anemia). They also cleanse kapha and medas (fat).

४ वरुणार्तंगलशिग्रुमध्रशिग्रुतर्कारीमेषश्रुङ्गीपूतीकनक्तमालमोरटाग्निमन्थसैरेग
यकद्वयिवम्बीवसुकवसिरचित्रकशतावरीबिल्वाजश्रुङ्गीदर्भाः बृहतीद्वयं
चेति ॥ १४ ॥

# (4) Varuņādi gaņa

This group includes varuņa, ārtagala, śigru, madhu śigru, tarkārī, meṣaśṛṇgī, pūtīka, naktamāla, moraṭa, agnimantha, both the types of saireyaka, bimbī, vasuka, vasira, citraka, śatāvarī, bilva, ajaśṛṇgī, darbha and both the types of bṛhatī.

वरुणादिगंणो ह्येषं कफमेदोनिवारणः । विनिहन्ति शिरःशूलगुल्माभ्यन्तरविद्रधीन् ॥ १५ ॥ Drugs of this group alleviate kapha and reduce medas (fat). They cure śiraḥśūla (headache), gulma (phantom tumour) and ābhyantara vidradhi (internal abscess).

५. वीरतरुसहचरद्वयदर्भवृक्षादनीगुन्द्रानलकुशकाशाश्मभेदकाग्निमन्थमोरटा-वसुकवसिरभल्लुककुरण्टिकेन्दीवरकपोतवङ्काः श्वद्रंष्टा चेति ॥ १६॥

## (5) Vīratarvādi gaņa

This group includes vīrataru, both the types of sahacara, darbha, vṛkṣādanī, gundrā, nala, kuśa, kāśa aśmabhedaka, agnimantha, moraṭā, vasuka, vasira, bhallūka, kuraṇṭika, indīvara, kapota vaṇkā and svadaṃṣṭrā.

Drugs of this group cure diseases caused by  $v\bar{a}yu$ ,  $a\acute{s}mar\bar{\imath}$  (stone in urinary tract),  $\acute{s}arkar\bar{a}$  (gravels in the urinary tract),  $m\bar{u}tra\ krechra$  (dysuria) and  $m\bar{u}tr\bar{a}gh\bar{a}ta$  (anuria).

10 ६. रोधसावररोध्रपलाशकुटन्नटाशोकफंजीकट्फलैलवालुकसल्लकीर्जिगिनी-कदम्बसालाः कदली चेति ॥ १८॥

# (6) Rodhrādi gaņa

This group includes rodhra, sāvararodhra, palāša, kuṭan-naṭa, aṣoka, phañjī, kaṭphala, ela vāluka, sallakī, jiṅginī, kadamba, sāla and kadalī.

एष रोध्रादिरित्युक्तो मेदःकफहरो गणः । योनिदोषहरः स्तम्भी वर्ण्यो विषविनाशनः ॥ १६ ॥

Drugs of this group reduce *medas* (fat) and *kapha*. They cure *yonī doṣa* (ailments of female genital tract). They promote the power of retention (*stambhana*) and complexion. They cure *viṣa* (poisoning).

७. अर्कालकंकरंजद्वयनागदन्तीमयूरकभागीरासनेन्द्रपुष्पीक्षुद्रश्वेतामहाक्वेतावृ-रिचकाल्यलवणास्तापसवक्षश्चेति ॥ २० ॥

## (7) Arkādi gaņa

This group includes arka, alraka, both the types of karañja, nāgadantī, mayūraka, bhārgī, rāsanā, indrapuṣpī, ksudraśvetā, mahā śvetā, vṛścikāli, alavaṇā and tāpasa vṛkṣa.

श्रकीदिको गणो ह्योष कफमेदोविषापहः । कृमिकुष्ठप्रश्रमनो विशेषात् व्रणशोधनः ॥ २१ ॥

Drugs of this group reduce kapha and medas (fat). They cure visa (poisoning), kṛmi (parasitic infection) and kuṣṭha (obstinate skin diseases including leprosy). They specially help in the cleansing of ulcers.

 सुरसाश्वेतसुरसाफणिज्झकार्जकभूस्तृणसुगन्धकसुमुखकालमालकासमर्दक्षव-कखरपुष्पविडङ्गकट्फलसुरभीनिर्गृण्डीकुलाहलोन्दुरुकणिकाफञ्जीप्राचीगल-काकमाच्यो विषमुष्टिकश्चेति ॥ २२ ॥

# (8) Šurasādi gaņa

This group includes surasā, śveta, surasā, phaṇijjhaka, arjaka, bhūstṛṇa, sugandhaka, sūmukha, kālmāla, kāsamarda, kṣavaka, kharapuṣpa, viḍanga, kaṭphala, surabhī, nirguṇḍī, kulāhala, unduru karnikā, phanjī, prācībala, kākamācī and viṣamuṣṭi.

सुरसादिर्गणो ह्योष कफहृत् कृमिसूदनः । प्रतिक्याग्राक्चिक्वासकासम्बो व्रणकोधनः ॥ २३॥

Drugs of this group alleviate *kapha* and cure *kṛmi* (parasitic infection), *pratisyāya* (rhinitis), *arucī* (anorexia), *svāsa* (asthma) and *kāsa*. They help in the cleansing of ulcers.

६. मुष्ककपलाशधवचित्रकमदनवृक्षकशिशपावज्रवृक्षास्त्रिफला चेति ॥२४॥

## (9) Muškakādi gaņa

The group includes muṣkaka, palāśa, dhava, citraka, madama, vṛkṣaka, śimśapā, vajra vṛkṣa and triphalā.

मुष्ककादिर्गणो ह्योष मेदोघ्नः शुक्रदोषहृत् ।

मेहार्शः पाण्ड्रोगघ्नः शर्कराशनः परः' ॥ २४॥

[सुश्रुतः सूत्रः ३८ ८-२१]

Drugs of this group reduce medas (adiposity) and correct the vitiation of sukra (semen). They cure meha (obstinate urinary disorders including diabetes), arsas (piles), pāṇḍu (anemia), and sarkarā (gravels in the urinary tract).

१०. कृष्णाग्रन्थिकचव्यचित्रकविषाविश्वौषधाजाजिभिः ।
पाठारामरेणुकामधुरसासिद्धार्थतिक्तिोषणैः ।। २६ ।।
द्रोक्का शक्रयवाजमोदत्रृटिभिर्भार्गीविङङ्गान्वितैः ।

## (10) Kṛsṇādi gaṇa

This group consists of kṛṣṇā, granthika, cavya, citraka, viṣā, viśvauṣadha, ajāji, pāṭhā, rāmaṭha, reṇukā, madhurasā, siddhārtha, tiktā, uṣaṇa, drekkā, śakra yava, ajamoda, tṛti, bhārgī and viḍaṅga.

एभिर्दीप्तकरश्च गुल्मशमनः शूलाममुत्पाचनः ।
11
इलेष्मध्नो रुचिकारको ज्वरहरः कृष्णादि रुक्तो गणः' ॥२७॥

Drugs of this group stimulate the power of digestion. They cure gulma (phantom tumour) and  $s\bar{u}la$  (colic pain). They help in the  $p\bar{a}cana$  (metabolic transformation) of  $\bar{a}ma$ . They alleviate kapha, produce appetite and cure jvara (fever).

११. 'एलातगरकुष्ठमासीध्यामकत्वक्पत्रनागपुष्पप्रियङ्गुहरेणुकाव्याघ्रनखशु-क्तिचण्डास्थौणेयकश्रीवेष्टकचोचचोरकवालुकगुग्गुलुसर्जरसतुरुष्ककुन्दुरुका-गुरुस्पृक्कोशीरभद्रदारुकुंकुमानि पुन्नागकेशरं चेति ॥ २८ ॥

## (11) Elādi gaņa

This group consists of elā, tagara, kuṣṭha, māṁsī, dhyā-maka, tvak, patra, nāga puṣpa, priyangu, hareṇukā, vyāghra nakha, śukti, caṇḍā, sthauṇeyaka, śrīveṣṭaka, coca, coraka, vāluka, guggulu, sarja rasa, turuṣka, kunduruka, aguru, spṛkkā, uśīra, bhadra dāru, kuṁkuma and punnāga keśara.

एलादिको वातकफौ निहन्याद्विषमेव च । वर्णप्रसादन. कण्डूपिडकाकोठनाशनः ॥ २६॥

Drugs of this group alleviate  $v\bar{a}yu$  and kapha, cure visa (poisoning) and promote complexion. They also cure  $kand\bar{u}$  (itching),  $pidak\bar{a}$  (pimples) and kotha (urticarial rashes).

- १२ वचानिविषजीमूतजपादारुसनागरैः।
- १३. हरिद्रे कलशीयष्टि तथा कुटजबीजकैः ॥ ३० ॥
  - (12) (13) Vacādi and Haridrādi gana

Vacādi gaņa consists of vacā. ativiṣa, jīmūta, japā, dāru and śuṇṭhī.

Haridrādi gaņa consists of haridrā, dāru haridrā, kalašī, yaşti and the seed of kuṭaja.

एतौ वचाहरिद्रादिगणौ स्तन्यविशोधनौ । ग्रामातिसारशमनौ विशेषाद्दोषपाचनौ ॥ ३१॥²

[सुश्रुतः सूत्र ३८: २४-२८]

Drugs belonging of both these groups help in the purification of the milk and alleviate  $\bar{a}ma$  as well as  $atis\bar{a}ra$  (diarrhoea). They specially help in the  $p\bar{a}cana$  (metabolic transformation) of dosas.

१४. 'काकोलीक्षीरकाकोलीजीवकर्षभकमुद्गपर्णीमाषपर्णीमेदामहामेदाछिन्नरुहा-कर्कटशृङ्गीतुगाक्षीरीपद्मकप्रपौण्डरीकऋद्विवृद्धिमृद्वीकाजीवन्त्यो मधुकं चेति ॥ ३२ ॥ 418 Materia Medica

## (14) Kākolyādi gaņa

The group consists of kākolī, kṣīra kākolī, jīvaka, rṣabhaka, mudgaparṇī, māṣaparṇī, medā, mahā medā, chinnaruhā, karkaṭa śṛṅgī, tugāksīrī, padmaka, prapauṇḍarika, ṛddhi, vṛddhi, mṛdvīkā, jīvantī and madhuka.

काकोल्यादिरय पित्तशोणितानिलनाशनः ।

जीवनो बृहणो वृष्यः स्तन्यश्लेष्मकरस्तथा ।।३३।।

Drugs belonging to this group alleviate pitta, blood and  $v\bar{a}yu$ . They are vitalizing, nourishing and aphrodisiac. They produce more of milk and kapha.

१५. ऊषकसैन्धवशिलाजत्ग्ग्लूकासीसद्वयहिग्तुत्थकं चेति ।। ३४ ।।

## (15) Uşakādi gaņa

This group consists of *ūṣaka*, saindhava, śilājatu, guggulu, both the types of kāsīsa, hingu and tutthaka.

ऊषकादि कफं हन्ति गणो मेदोविशोषणः । ग्रश्मरीशर्करामूत्रकुच्छ्रशूलकगुल्मनुत् ॥ ३५॥

Drugs belonging to this group alleviate kapha and help in the depletion of fat. They cure aśmarī (stone in urinary tract), śarkarā (gravels in the urinary tract), mūtra kṛcchra (dysuria), śūlā (colic pain) and gulma (phantom tumour).

१६. सारिवामधुकचन्दनकुचन्दनपद्मककाश्मरीफलमधूकपृष्पाण्युशीर चेति ।। ३६ ।।

## (16) Sārivādi gaņa

This group consists of sārivā, madhuka, candana, kucandana, padmaka, kāśmarī phala, madhuka puṣpa and uśīra.

सारिवादिः पिपासाध्नो रक्तपित्तहरो गणः । पित्तज्वरप्रशमनो विशेषात् दाहनाशनः ॥ ३७॥ Drugs belonging to this group cure *pipāsā* (morbid thirst), rakta pitta (a disease characterised by bleeding from different parts of the body) and pitta jvara (fever caused by pitta). They specifically cure dāha (burning syndrome).

१७. ग्रञ्जनरसाञ्जननागंपुष्पप्रियङ्गुनीलोत्पलनलदनलिनकेशराणि मधुक चेति ॥ ३८ ॥

## (17) Añjanādi gaņa

This group consists of añjana, rasāñjana, nāga puṣpa, priyaṅgu, nīlotpala, nalada, nalina, kesara and madhuka.

ग्रञ्जनादिर्गणो ह्योष रक्तपित्तनिवर्हणः । विषोपशमन दाहं निहन्त्याभ्यन्तरं भृशम् ॥ ३६ ॥

Drugs belonging to this group cure rakta pitta (a disease characterised by bleeding from different parts of the body) They cure viṣa (poisoning), and acute form of ābhyantara dāha (burning sensation inside the body).

१८. परूषकद्राक्षाकट्फलदाडिमराजादनकतकफल्रशाकफलानि त्रिफला चेति ॥ ४० ॥

## (18) Parūşakādi gaņa

This group consists of parūṣaka, drākṣā, kaṭphala dāḍima, rājādana, kataka phala, śāka phala and triphalā.

परूषकादिरित्येष गणोऽनिलविनाशनः । 12 मृत्रदोषहरो हृद्यः पिपासाध्नो रुचिप्रदः ॥ ४१॥

[सुश्रुतः सूत्र ३८ : ३४-४४]

Drugs belonging to this group alleviate  $v\bar{a}yu$  and cure  $m\bar{u}tra\ doṣa$  (urinary disorders). They are cardiac tonic. They cure  $pip\bar{a}s\bar{a}$  (morbid thirst) and produce appetite.

१६. 'बृहतीकण्टकारिकाकुटजफलपाठामधुक चेति ।। ४२ ।।

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## (19) Bṛhatyādi gaṇa

This group consists of brhatī, kanţakārikā, kuṭaja phala, pāṭhā and madhuka.

पाचनीयो बृहत्यादिर्गणः पित्तानिलापंहः ।

कफारोचकहृद्रोगम्त्रकृच्छ्रस्जापद्दः ॥'४३॥

[सुश्रुतः सूत्र ३८: ३१-३२]

Drugs belonging to this group are carminative. They alleviate pitta, vāyu and kapha. They cure arocaka (anorexia), hrdroga (heart disease) and mūtra kṛcchra (dysuria).

## आरोग्य चिन्तामिएतः

२०. 'गुडूची निम्बधान्यकं पद्मकं रक्तचन्दनम् । (20) Gudücyādi gana

According to Ārogya cintāmaņi

This group consists of gudūcī, nimba, dhānyaka, padmaka and rakta candana.

तृष्णादाहारुचिच्छर्दि पिपासा [?] ज्वरनाशनः ।
13
गुडूच्यादिर्गणो ह्योष दीपनः प्राह सुश्रुतः ॥ ४४॥

According to Suśruta drugs belonging to this group cure  $trṣn\bar{a}$  (morbid thirst),  $d\bar{a}ha$  (burning syndrome), aruci (anorexia), chardi (vomiting) and jvara (fever). They also stimulate the power of digestion.

२१. वत्सकातिविषामूर्वाभाग्येंला कटुकोषणैः । वचाश्योनाक चोग्रा च पञ्चकोलाजमोदकैः । वेल्लाजगन्धासिद्धार्थजीरकद्वयहिङ्गुभिः ॥ ४५॥

## (21) Vatsakādi gana

This group includes vatsaka, ativișā, mūrvā, bhārgī, elā,

kaţukā, uṣaṇa, vacā, śyonāka, ugrā, pañca kola, ajamodā, vella, ajagandhā, siddhārtha, both the types jīraka and hingu.

वन्सकाद्यो मरुत्क्लेष्मगुल्मार्ज्ञोज्वरशूलनुत्

Drugs belonging to this group alleviate  $v\bar{a}yu$  and kapha, and cure gulma (phantom tumour),  $ar\dot{s}as$  (piles), jvara (fever) and  $\dot{s}\bar{u}la$  (colic pain).

२२. 'मुस्तापाठानिशेतिक्तावचैलारुग्विषाचराः ॥ ४६ ॥

चापेला वाथ शार्ङ्गीष्ठा गणो मुस्तादिको स्मृतः ।

(22) Mustādi gaņa

The group consists of mustā, pāṭhā, both the types of niśā, tiktā, vacā, elā, ruk, viṣā, cara, āp, elā and śārngiṣṭhā.

14 शोधनः पाचन स्तन्यः स्तनरोगज्वरापहः ॥ ४७ ॥

Drugs belonging to this group help in cleansing (sodhana). They are carminative and galactogogue. They cure stana roga (diseases of the breast) and jvara (fever),

२३. 'उत्पलं कुमुदं पद्म कल्हारं लोहितोत्पलम् ।
15
मधुकं चेति पित्तामृक्विपछर्दिहरोगणः ॥ ४ = ॥'

(23) Utpalādi gaņa

This group consists of utpala, kumuda, padma. kalhāra red variety of utpala and madhuka.

Drugs belonging to this group alleviate pitta and blood and cure vişa (poisoning) and chardi (vomiting).

२४. 'हरीतकी चामलकं विभीतक फलत्रयम् । त्रिफला फलमित्युक्तं सैव ज्ञेय फलत्रिकम् ॥ ४६॥ एकभागो हरीतक्यात् द्विगुणश्च विभीतकः । 16 चतुर्गुणा चामलकी त्रिफलेय प्रकीतिता ॥ ५०॥'

## (24) Triphalā

Fruits of three drugs viz., harītakī, āmalakī and vibhītakī taken together are called triphalā or phala trika. For this purpose, one part of harītakī, two parts of vibhītaka and four parts of āmalakī should be taken.

'त्रिफला कफिपत्तघ्नी मेहकुष्ठहरी सरा । चक्षुष्या दीपनी चैव विषमज्वरनाशिनी ।। ५१ ॥' [सुश्रुत: सूत्र ३८: ५७]

Triphalā alleviates kapha as well as pitta and cures meha (obstinate urinary disorders including diabetes) as well as kuṣṭha (obstinate skin diseases including leprosy). It is laxative, promoter of eye sight and digestive stimulant. It cures viṣama jvara (irregular fever).

द्राक्षाखर्जूनकाश्मर्यफलानीति फलत्रिकम् । इय प्रोक्ता द्वितीया च त्रिफला चरकादिभिः ॥५२॥ रक्तिपत्तादिदोपेषु त्रिफलेयं मता सदा ।

According to some, the fruits of  $dr\bar{a}k\bar{s}\bar{a}$ ,  $kharj\bar{u}ra$  and  $k\bar{a}\dot{s}marya$  taken together are also called *phala trika*. This second variety of  $triphal\bar{a}$  is described by Caraka etc., This type of  $triphal\bar{a}$  is useful in the treatment of diseases like rakta pitta (a disease characterised by bleeding from different parts of the body).

१५. 'पिप्पली मरिचं शुटी त्रयमेतच्च मिश्रितम् ॥ ५३॥'
'त्रयूषरां कफमेदोध्न मेहकुष्टत्वगामयान् ।
निहन्याद्दीपनं गुल्मपीनसाग्न्यल्पतामपि ॥ ५४॥'
[सुश्रुत: सूत्र ३८: ५९]

## (25) Tryūṣaṇa

Pippalī, marica and śuṇṭhī-these three drugs mixed to-

gether are called tryūṣaṇa. It reduces kapha and medas and cuies meha (obstinate urinary diseases including diabetes), kuṣṭha (obstinate skin diseases including leprosy) and tvagāmaya (skin diseases). It is digestive stimulant. It also cures gulma (phantom tumour), pīnasa (chronic rhinitis) and mandāgni (suppression of the power of digestion).

२६. नागरातिविषामुस्तं त्रयमेतित्त्र**काषतम्** ।

कफपित्तानिलहर ज्वरघ्न ग्राहि दीपनम् ॥ ५५ ॥

## (26) Tri karşita

Nāgara, ativiṣā and musta—these three drugs taken together are called tri karṣita. It alleviates kapha, pitta and vāyu and cures jvara (fever). It is constipative and digestive stimulant.

२७. 'ग्रामलक्यभयाकृष्णाचित्रकश्चेत्यय गणः ।

(27) Āmalakyādi gaņa

This group consists of āmalakī, abhayā, kṛṣṇā and citraka.

18 ज्वरघ्नश्चाक्षुषो वृष्यो भेदी चाग्निप्रदीपनः ॥५६॥

Drugs belonging to this group cure *jvara* (fever). They are promoter of eye sight, aphrodisiac, purgative and digestive stimulant.

२८. 'त्रपुसीसता ग्ररजतकृष्णलोहसुवर्णानि लोहमलम् ॥५७॥

## (28) Trapvādi gaņa

This group consists of trapu, sīsa, tāmra, rajata, kṛṣṇa loha, svarṇa and loha mala.

गणस्त्रप्वादिरित्येष रक्तकृमिहरः परः । पिपासाविषद्वद्रोगपाण्डमेहहरस्तथा ॥ ५५॥

Drugs belonging to this group cure vitiation of blood, kṛmi (parasitic infection), pipāsā (morbid thirst), viṣa (poison-

ing), hrdroga (heart disease), pāndu (anemia) and meha (obstinate urinary disorders including diabetes).

# २६. लाक्षारेवतकुटजाश्वमारकट्फलहरिद्राद्वयनिम्बसप्तच्छ-दमालत्यस्त्रायमाणा चेति ॥ ५६॥

## (29) Lāksādı gaņa

This group consists of lākṣā, ārevata, kuṭaja, aśvamāra, kaṭphala, both the types of haridrā, nimba, saptacchada, mālatī and trāyamāṇā.

कषायतिक्तमधुरः कफिपत्तार्तिनाशनः । कूष्ठकृमिहरव्चैव दृष्टव्रणविशोधनः ॥ ६०॥

[सुश्रुतः सूत्र ३८ : ६२-६४]

Drugs belonging to this group are astringent, bitter and sweet. They alleviate vitiation of kapha and pitta. They cure kuṣṭha (obstinate skin diseases including leprosy) and kṛmi (parasitic infection) They help in the cleansing of duṣṭa vraṇa (suppurated ulcer).

#### पंचकान्वक्ष्यामः

३०. 'पृश्विनपर्णी शालिपर्णी बृहतीद्वयगोक्षुरैः । बृंहणं वातिपत्तघ्नं कनीयः पञ्चमूलकम् ॥ कथायतिक्तमधुर सिन्नपातिशिरोतिनुत ॥ ६१॥

## (30) Kşudra pañcamūla

## Groups having five ingredients

Pṛśni parṇī, śāla parṇī, both the varieties of bṛhatī and gokṣura—all these drugs taken together are called kanīyas pañca mūla. It is nourishing, alleviator of vāyu and pitta and astringent, bitter as well as sweet in taste. It cures diseases caused by the simultaneous vitiation of all the three doṣas (sannipāta) and śirorti (headache).

३१. बिल्वोऽग्निमन्थः श्योनाकः काश्मरी पाटला महत । दीपन कफवातघ्नं पञ्चमूलिमद महत् ॥ ६२॥

## (31) Mahat pañca mūla

Bilva, agnimantha, śyonāka, kāśmarī and pāṭalā—these five drugs taken together, constitute mahat pañca mūla. It stimulates digestion and alleviates kapha as well as vāyu,

प्रायस्त्रिदोषश्चमनं पवनामयेषु, श्लेष्मोत्वणेषु च गदेषु भिषग्भिरुक्तम् । कासेसु सन्निपतितेषु शिरोरुजायां, 19 श्वासेषु हिक्केषु हितं दशमूलमेतत् ॥ ६३ ॥

## Daša mūla

३२. 'विदारी सारिवा छागश्रुगी वत्सादनी निशा । वृष्यं पित्तानिलं हन्याद्वत्लिजं पञ्चमूलकम ॥६४॥

## (32) Vallıja pañca mūla

Vidārī, sārivā, chāga śṛṅgī, vatsādanī and niśā—these five drugs taken together are called vallija pañca mūla.

It is aphrodisiac and it alleviates pitta as well as vāyu.

३३. करमर्टकसैरीयत्रिकंटकशतावरी ।
तथा गृध्रनखी चेति पञ्चकंटकसज्ञकः ।। ६५ ।।
रक्तपित्तहरो ह्योष शोफरोगविनाशनः ।

शुक्रमेहहरक्चैव शुक्रदोषहरः पर ॥ ६६ ॥

## (33) Pañca kantaka

Kara mardaka, sairīya, tri kaṇṭaka, śatāvarī and gṛdhra nakhī—these five drugs taken together are called pañca kaṇṭaka. It cures rakta pitta (a diseases characterised by bleeding from different parts of the body), śopha (oedema), śukra meha (spermaturia) and śukra doṣa (vitiation of semen).

३४. कुशः काशो नलो दर्भः कांडेक्षुरिति तद्विदः ।
तृणपञ्चमूलं ज्ञेय दाहप्रशमने हितम् ॥
20
पित्तमूत्रविषार्तानां प्रशस्तं वस्तिशोधनम् ॥ ६७॥'

## (34) Trṇa pañca mūla

Kuśa, kāśa, nala, darbha and kāndekṣu—the roots of these five drugs taken together are called trna pañca mūla. It is useful in the treatment of  $d\bar{a}ha$  (burning syndrome), vitiation of pitta as well as urine and viṣa (poisoning). It cleanses the urinary bladder.

३५. कदम्बवाजिकर्णश्च करंजः क्षवको गुडः । वर्गोऽयं कफपाण्डुत्वक्कुष्ठमेहविषापहः ।। ६८ ।।

## (35) Kadambādi gaņa

The group consists of kadamba, vāji karņa, karañja, kṣa-vaka and guḍa. They cure vitiated kapha, pāṇḍu (anemia), tvak roga (ordinary skin diseases), kuṣṭha (obstinate skin diseases including leprosy), meha (obstinate urinary disorders including diabetes) and viṣa (poisoning).

३६. करंजो वत्ससैरीयसुषवीसप्तपर्णकाः ।

मेहकुष्ठज्वरच्छिदिविषश्लेष्महरोगणः ॥ ६६ ॥

## (36) Karañjādi gaņa

This group consists of karañja, vatsa, sairīya, suṣavī and

sapta parna. They cure meha (obstinate urinary disorders including diabetes), kuṣṭha (obstinate skin diseases including leprosy), jvara (fever), chardi (vomiting), viṣa (poisoning) and vitiation of kapha.

३७. पिप्पलीपिप्पलीमूलचव्यचित्रकनागरैः

दीपनीयः स्मृतो वर्गः कफानिलगदापहः ॥ ७०॥

[पञ्चकोलम्]

## (37) Pañca kola

This group consists of pippalī, pippalī  $m\overline{u}la$ , cavya, citraka and  $n\overline{a}gara$ . They stimulate the power of digestion and cure diseases caused by kapha and  $v\overline{a}yu$ .

समासेन गणाह्येते प्रोक्तास्तेषां च विस्तरम्। चिकित्सितेषु वक्ष्यामि ज्ञात्वा दोषबलाबलम् ॥७१॥

In brief these are the various groups of drugs. Keeping in view the strength and otherwise of the *doṣas*, their details will be described in the section dealing with the treatment of diseases.

।। इति सप्तित्रशद्गणोद्देशः सुश्रुतात् ।।

Thus ends the 37 groups of drugs as described in Suśruta.

शंणमूलकशियूणि फलानि तिलसर्षेपाः । सक्तवः किण्वमतसी द्रव्याण्युक्तानि पाचनं ॥ ७२ ॥

## Pācana gaņa

The fruits of śaṇa, mūlaka and śigru, tila, sarṣapa, saktu, kiṇva and atasī—these drugs help in suppuration (pācɛna).

चिरबिल्वोऽग्निको दन्ती चित्रको हयमारकः । कपोतकंकगृधाणां पुरीषाणि च दारणम् ॥ ७३॥

## Dāraņa gaņa

Cirabilva, agnika, dantī, citraka, haya māraka and the stool of kapota, kanka and grdhra—these drugs help in the incission of the abscess.

द्रव्याणां पिच्छिलाना च त्वग्मूलानि प्रपीडनं। यवगोधूममाषाणां चूर्णानि च समासतः ॥ ७४॥

## Prapidāna gaņa

The bark and root of drugs which are slimy and the powder of yava, godhūma and māṣa help in prapīḍana (which takes out pus by exerting pressure).

शंखिनी कोद सुमनः करवीर सुवर्चला । क्याधनानि कथायाणि वर्गश्चारग्वधादिकः ॥ ७५ ॥

## Śodhana kasāya

Śańkhınī, koda, sumanas, karavīra suvarcalā and drugs belonging to āragvadhādî group—their decoctions help in the cleansing of wounds.

श्रजगन्धा च श्रुङ्की च गवाक्षी लागलाह्वया ।
पूतीकचित्रंकपाठाविडङ्कं लाहरेणवः ॥ ७६॥
कटुत्रयं यवक्षारो लवणानि मनःशिला ।
21
कासीसं त्रिफला दन्ती हरिताल सुराष्ट्रजा ॥ ७७॥
सशोधनीनां वर्तीनां द्रव्याणि तानि निर्दिशेत् ।

#### Samśodhana varti

Ajagandhā, śṛṅgī, gavakṣī, lāngala, pūtīka, citraka, pāṭhā, viḍanga, elā, harenu, trikaṭu, yava kṣāra, various types of salt, maraḥśila, kāsiśa, triphalā, dantī, haritāla and suraṣṭrajā—these are the ingredients of the potion of suppository for cleansing of wounds.

एतैरप्यौषधैः कुर्यात्कल्पनापि च शोधने ॥ ७८ ॥

These drugs can also be used through different other pharmaceutical processes for the cleansing of wounds.

गोमूत्रं गोमयं क्षीरं दिध सर्पिस्तथैव च । समं संयोजितं ज्ञेयं पञ्चगव्यमिद बुधैः ॥ ७६ ॥

## Pañca gavya

The urine, dung, milk, curd and ghee of cow taken together (in equal quantity?) is called pañca gavya.

एवं संयोजयेत्प्राज्ञो पञ्चाजं पञ्चमाहिषम् ।

If these are collected from goat  $(aj\bar{a})$  then the collective term used for them is  $pa\tilde{n}c\tilde{a}ja$  and if collected from buffalo (mahişa) then they are called  $pa\tilde{n}ca$   $m\bar{a}hişa$ .

कासीसकटुरोहिण्याः जातीकन्दहरिद्रयोः ॥ ८० ॥ पूर्वोद्दिष्टे तु पञ्चाङ्को कुर्यासैलघृतानि वै।

#### Medicated oil & Ghee

Medicated oil and ghee should be prepared of either pañca gavya or pañcāja or pañca māhiṣa by adding kāsīsa, katu rohiṇī, root of jāti and haridrā.

स्रकोत्तमास्नुहीक्षीरं पिष्ट्वा क्षारोत्तमान्यपि ।। दशा जातीमूलंहरिद्रे द्वे कासीसं कटुरोहिणी । पूर्वोद्दिष्टानि चौगानि कुर्यात् संशोधनं घृतम् ॥ दशा

## Saṁśodhana ghṛta

The best variety of arka should be made to a paste by adding the latex of snuhī. To this, the best of alkalies and the root of jātī, both the varieties of haridrā, kāsīsa, kaţu rohinī and

pañca gavya or pañcāja or pañca māhiṣa should be added. With these drugs the medicated ghee which is useful in cleansing of ulcers should be prepared.

मयूरको राजवृक्षो निबकोशातकी तिला:।
बृहत्यौ च शिलाले च शोधनानि च शोधने ।। ५३ ।।

## Sodhana taila

The medicated oil which is prepared of mayūraka, rājavṛkṣa, nimba, kośātakī, tila, both the types of bṛhatī, śilā and āla is useful for cleansing of ulcers.

> तैले द्रव्याणि योज्यानि शेषाणिच तथा श्रृणु । कासीसं सैन्धवं किण्वं वचा च रजनीद्वयम् । संशोधनेषु चान्येषु चूर्णे कुर्वीत शोधनम् ।। ८४ ।।

## Śodhana cũrņa

The potion prepared by adding powders of kāsīsa, sain-dhava, kiņva, vacā and both the varieties of rajanī is useful for cleansing ulcers.

सालसारादि सारेषु पटोली त्रिफलासु च ।

रसिकया विधातव्या शोधनं शोधनेषु च ॥ ६५॥

\$\sumsymbol{Sodhana} \text{rasakriva}\$

The rasakriyā prepared of the drugs belonging to sāla-sārādi group, patolī and triphalā is useful for cleansing ulcers.

22 23 कषायाणामनुष्णातिरूक्षाणां त्वक्षु साधितम् । श्रृतशीतं कषायं तु **रोपराार्थं** प्रशस्यते ॥ ८६॥

## Ropaņa kaṣāya

The boiled and cooled decoction of astringent barks

which are not very hot in potency and which are exceedingly ununctuous is useful for healing ulcers.

सोमामृताश्वगन्धा च काकोल्यादौ गणे तथा । क्षीरिप्ररोहेष्विप च वर्तयो रोपरणाः स्मृताः ॥ ५७ ॥

## Ropana varti

The suppository prepared of soma, amṛtā, aśva gandhā, drugs belonging to kākolyādi group, praroha (adventitious root) of kṣiri vṛkṣas helps in the healing of ulcers.

समगा सोमसरला सोमवल्का सचन्दना । काकोल्यादिश्च कल्कः स्यात्प्रशस्तो व्रणरोपरो ॥ ८८॥

#### Ropana kalka

The paste prepared of samang $\tilde{a}$ , soma, saral $\tilde{a}$ , soma valk $\tilde{a}$ , candana and the drugs belonging to the  $k\tilde{a}koly\tilde{a}di$  group is useful in the healing of ulcers.

पृथक्पण्यात्मगुप्ता च हरिद्वे मालती सिता । काकोल्यादिश्च योज्यः स्यादिभषजा रोपणे घते ॥ ६॥

## Ropana ghṛta

The medicated ghee for healing of ulcers is prepared of pṛthak parṇī, ātma guptā, both the varieties of haridrā, mālatī, sitā and drugs belonging to kākolyādi group.

कालानुसायंगुरुणि हरिद्रे भद्रदारु च । प्रियङ्गवश्च लोध्र च तैले योज्यानि रोपणे ॥ ६०॥

## Ropana taila

The medicated oil for healing of ulcers is prepared of kālānusārī, aguru, both the types of haridrā, bhadra dāru priyangu and lodhra.

किंशुका त्रिफला लोध्यं कासीसं श्रवणाह्नया । धवाश्वकर्णयोस्त्वक्च रोपणं चूर्णमिष्यते । रसक्रिया रोपणार्थे विदधीत यथाक्रमम्।। ६१।।

## Ropaņa cūrņa & Rasa kriyā

The powder of kimsukā, triphalā, lodhra, kāsīsa, śravaṇā and the bark of dhava as well as aśva karṇa is useful in the healing of ulcers. Rasa kriyā of these drugs also helps in the healing of ulcers.

ग्रपामार्गाश्वगन्धा च तालपत्री सुवर्चला । उत्सादने प्रशस्यन्ते काकोल्यादिश्च यो गणः ॥६२॥

#### Utsādana

Apāmārga, aśva gandhā, tāla patrī, suvarcalā and drugs of kākolyādi gaņa help in the filling up of ulcers by granulation tissue.

कासीसं सेधवं किष्कं [?] कुरुविन्दो मनःशिला ।
कुक्कुटाण्डकपालानि सुमनो मुकुलानि च ॥ ६३ ॥
फले सेरीषकारजे धातुचूर्णानि यानि च ।
वर्णेषूत्सन्नमांसेषु प्रशस्तान्यवसादने ॥ ६४ ॥

#### Avasādana

When there is granulation tissue in excess, then to bring it to proper level, drugs like kāsīsa, saindhava, kiṣka, kuruvinda, manaḥśilā, kukkuṭāṇḍa kapāla, buds of sumana, fruits of sirīṣa and karañja and powder of metals are useful.

समस्तवर्गमर्धं वा यथालाभमथापि वा । प्रयुञ्जीतभिषक् प्रायो यथोद्दिष्टेषु कर्मसु ॥ ६५ ॥

## Selection of drugs

The physician should select either the whole group or half of it or whatever is readily available out of these drugs and use them in therapy.

## ग्रथ चिकित्साकलिकातः

'वटीवटोदुम्बरवेतसानामश्वत्थवृक्षेण समन्वितानाम् । 24 रवक्पंचकं पंचमहीरुहाणामिति व्रणव्नं श्वययुष्नमेतत्॥' ६६॥

॥ इति पञ्चवत्कलम् ॥

## According to Cikitsā kalikā

Barks of five trees viz., vațī, vața, udumbara, vetasa and asvattha cure ulcers and inflammation. These are called pañca valkala.

'द्दी काकोल्यी जीवकः सार्षभः स्या— न्मेदायुग्मं साद्धि [?] ऋद्धिश्च वृद्धचा।

इत्युद्दिष्टेरण्टबर्गः प्रदिष्टः पित्तव्नोऽयं गर्भदो बृंहणक्च ॥ ६७ ॥

॥ अष्टवर्गः ॥

## Asta varga

Two varieties of kākolī, jīvaka, ṛṣabhaka, both the varieties of medā, ṛddhi and vṛddhi—these eight drugs taken together are called aṣṭa varga. It alleviates pitta, promotes conception and nourishment.

रसोनकन्दवत्कन्दं निःसारं सूक्ष्मपत्रकम् । जीवकर्षभकावेतौ हेमाद्रिशिखरोद्भवौ ॥ ६८ ॥

॥ इत्यष्टवर्गलक्षणम् ॥

## Description

Jivaka and rsabhaka grow in the peaks of the Himalayas.

Its kanda (underground stem) is like that of the garlic. Its leaves are thin and fine.

## प्रन्थान्तरात्

जीवकः कूर्चकाकारो ऋषभो वृषश्रङ्कवत् ।

#### According to another text

Jivaka has the shape of a kūrcaka (brush). Rṣabhaka is like the horn of a bull in shape.

श्वेतलोमान्वितं कन्दं लताजातं सरं ध्रुवम् । ऋद्धि वृद्धीति विज्ञेया विख्याता कौशयामले ॥ १६॥

Rddhi and vrddhi which are well known in koşayāmala are the roots of creepers. These roots are covered with white hairs. They are certainly laxative.

मूलग्रन्थिसमं ऋद्धिर्वामावर्त्तफला तथा । 'वृद्धिस्तु दीक्षणावर्त्तफलालक्ष्मिकयत्कृतं ।। १००।।

Rddhi is like a knot in the root and its fruit takes an anticlock wise turn. On the other hand, vrddhi has fruits which take a clock-wise turn.

शुष्काद्र किनिभ कद स्निग्धं मधुरशीतलं ।"
महामेदेति विख्यातो दुर्गन्धो मेद उच्यते ॥१०१॥

Mahā medā, which is a root, looks like a piece of dried ginger. It is unctuous, sweet and cooling. It has a foul smell of fat.

मेदा शुक्ला नखछेद्या मेदीधातुवदादिशेत् ।

 $Med\bar{a}$  is white. It can be cut with the help of finger nail. It looks like fat tissue.

पीवरीव[?]निभस्कंदः सक्षीरं ससुगन्धिकम् ॥१०२॥

# काकोली क्षीरकाकोली अधोर्ध्व तं विनिर्दिशेत् ।

 $K\bar{a}kol\bar{\imath}$  and  $k\bar{s}\bar{\imath}ra$   $k\bar{a}kol\bar{\imath}$  have roots like those of  $p\bar{\imath}var\bar{\imath}$ . They contains milky latex and they are fragrant. The lower part of it is known as  $k\bar{a}kol\bar{\imath}$  where as the upper part is called  $k\bar{s}\bar{\imath}ra$   $k\bar{a}kol\bar{\imath}$ .

26 ईषच्छुक्ला तु काकोली क्षीरवत्पाण्डुराऽपरा ॥१०३॥

॥ इत्यष्टवर्गलक्षणम् ॥

 $K\bar{a}kol\bar{i}$  is slightly white in colour where as  $k\bar{s}\bar{i}ra\ k\bar{a}kol\bar{i}$  is yellowish white like milk.

Thus ends the description of drugs belonging the group of astavarga.

#### **प्रत्थान्तरा**त्

कुष्ठमासी हरिद्राभिर्मु राशैलेयचंपकैः । वचा कर्पूरमुस्तैश्च सर्वौषधिकमुच्यते ॥ १०४॥ भूतप्रेतग्रहहरा ज्वरघ्नी श्रीप्रदायिनी । सर्वौषधिस्तु विज्ञेया पामाप्रस्वेदनाशिनी ॥१०५॥

॥ इति सवौषधी ॥

## Sarvaușadhi

#### From another Text

Kuṣṭha, māmsī, haridrā, murā, saileya, campaka, vacā, karpūra and mustā—these drugs taken together are called sarvauṣadhi. It alleviates the afflictions of bhūta (evil spirits), pretas and graha. It cures jvara (fever). It endows the person with auspiciousness. It also cures pāmā (eczema) and prasveda (excessive sweating).

सवी षिक संमिश्रा संशुष्कामलकत्वचा ।

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सुगन्धामलकानीति पित्तकृदुग्जयेत्तथा ॥ १०६॥ ॥ इति सुगन्धामलकम॥

#### Sugandhāmalaka

If the fruit pulp of āmalakī is added to the group of drugs called sarvauṣadhi then it is called sugandhāmalaka. It cures diseases caused by the vitiation of pitta.

# धूर्जिटित:

शालूकतुत्थश्रीपुष्पे**स्त्रिसुगन्धि**भवेत्तथा । शालूकपत्री संयुक्तं चातुर्जातकमीरितम् ॥ १०७ ॥ कफपित्तास्यगन्धम्न सूदिवज्ञैः प्रपूजितम् । Tri sugandhi & Cātur jātaka

## 210 Sugarium VII Summ ju

## According to Dhūrjați

Sāluka, tuttha and śrī puṣpa—these three drugs taken together are called tri sugandhi If śāluka patrī is added to it then it is called cātur jātaka. It alleviates kapha as well as pitta and removes foul smell of mouth. It is highly praised by persons who are well versed in the science of cooking.

#### ग्रन्यच्च

त्वगेलापत्रकैस्तुल्यं त्रिसुगन्धि त्रिजातकम् ॥ १०८ ॥
नागकेशरसंयुक्तं चातुर्जातकमीरितम् ।
हुल्लासविषदुर्गेन्धिवातश्लेष्महरे मते ॥ १०६ ॥
॥ इति त्रिसुगन्धिचातुर्जातके ॥

#### Another view

Tvak, elā and patra—these three drugs taken in equal quantity are called tri sugandhi or tri jātaka. If nāga kešara is added to it, then it is called cātur jātaka. Both of them cure hṛllāsa (nausea), viṣa (poisoning), durgandhi (foul smell) and vitiation of vāyu and kapha.

कंकोलकं पूगफलं लवङ्गकुसुमानि **च ।** जातिफलानि कर्चूरमेतत्**पञ्चसुगन्धिकम् ॥ ११० ॥** [योगरत्नाकरः पष्ठ **६६**]

## Pañca sugandhi

Kankola, pūga phala, lavanga, jāti phala and karcūra—these five drugs taken together are called pañca sugandhika.

चन्दनं कुंकुमं तुल्ये वरार्धमिभिधीयते । विभागं कुंकुमं यत्र तदुक्तं चाद्यपुष्पकम् ॥ १११॥

Varārdha & Ādya puspaka

Candana and kumkuma taken together in equal quantity are called varārdha. If three parts of kumkuma is added then it is called ādya puspaka.

कुंकुमागुरुकर्पूरकस्तूरीचन्दनानि च । **महासुगन्धि**मित्युक्तं नामतो यक्षकर्दमम् ॥ ११२ ॥

[योगरत्नाकरः पृष्ठ **६६**]

## Mahā sugandhi

Kumkuma, aguru, karpūra, kastūrī and candana—these drugs taken together are called mahā sugandhi and named as yakṣa kardama.

द्राक्षादाडिमखर्जूरमृदितं स्यात्सशकरम् ।
27
लाजाचूर्णं समध्वाज्यं सतर्परामुदाहृतम् ॥ ११३ ॥
[योगरत्नाकर: पृष्ठ ६ ६]

## Samtarpaņa

The potion prepared of drākṣā, dāḍima and kharjūra mixed with sugar and powder of lājā along with honey and ghee is called samtarpaṇa or refreshing drink,

## ग्रथ षड्सानि द्रव्याण्युपदेश्यामः

घृतक्षीरवसामज्जा शालिगोधूमषिटकाः ।
कशेरुक च श्रृङ्गाट गिलोडचैर्वारुमूत्रलाः ।। ११४ ।।
काकोल्यादिर्गणोऽलाबुकालक कत्तकाश्मरी ।
भक्षखर्जूरकद्राक्षापद्मकर्कटिका तथा ।। ११५ ।।
मधूकेक्षुविकाराणि राजादनबलात्रयम् ।
पयस्विनी तालजया पयस्या गोक्षुरस्तथा ।। ११६ ।।
कूष्मांडं कदलीमांसं मौक्तिकं क्षीरमोरटः ।
प्रियालमज्जावातामैर्वगोंऽयं मधुरो मतः ।। ११७ ।।
जया कपिकच्छू ।

# Classification of drugs according to their taste

## Group of Sweet Drugs

Ghee, milk, muscle fat, marrow, śāli, godhūma, ṣaṣṭika, kaśeruka, śṛṅgāṭa, giloḍya, ervāru, mūtrala drugs, drugs belonging to kākolyādi group, alābu, kālaka, kataka, kāśmarī, bhakṣa, kharjūraka, drāksā, padma, karkaṭikā, madhūka, sugar cane products, rājādana, three varieties of balā, payasvinī, tāla, jayā, payasyā, gokṣura, kūsmānḍa, kadalī, meat, muktā, kṣira moraṭa, priyāla majjā and vātāma—these belong to the group of sweet drugs.

 $Jay\bar{a}$  is popularly called  $kapi\ kacch\bar{u}$ .

दाहिमं मातुलुंग च प्राचीतामलकं तथा । दिधित्थामलकं चिचा नीपकोशास्त्रिनिबुकम् ॥ ११८ ॥ भव्यपालेवत कोललकुच वेत्रज फलम् । बदरं चाथ जंबीरं करुणं चाम्लवेतसम् ॥ ११६ ॥ रजतास्रातकं चैव चणकाम्ल सकांजिकम् ।

चांगेरीतक्रदघ्यम्लं सुरासौवीरशुक्तकम् ॥ १२०॥
तुषोदक च धान्याम्ल प्रभृतिश्चाम्लवर्गकः ।

#### Group of sour drugs

Dāḍima, mātulunga, prācīnāmalaka, dadhittha, āmalaka, ciñcā, nīpa, kośāmra, nimbuka, bhavya, pālevata, kola, lakuca, fruit of vetra, badara, jambīra, karuṇa, amla vetasa, rajata, āmrātaka, caṇakāmla, kāñjika, cāngerī, takra, dadhyamla, surā, sauvīra. śuktaka, tuṣodaka, dhānyāmla etc., belong to the group of sour drugs.

सैन्धवाक्षविडंपाक्यं रोमकं सागरोद्भवम् ।। १२१॥ यवक्षारो खप्रसूतं स्वर्जिका नवसारकः । एव लवरावर्गः स्यात्,

#### Group of saline drugs

Saindhava, akṣa, viḍa, pākya, romaka, sāmudra, yava kṣāra, kha prasūta, svarjikā and navasāraka—these belong to the group of saline drugs.

कटुवर्गमथो श्रृणु ॥ १२२॥ शिग्रुश्च सुरसादिश्च पिष्पल्यादिस्तथागणः । व्योषामयरसोनं च चंडा सुमुखमूलकम् ॥ १२३॥ सुराह्वाबलगुजफलं कालनिर्यासलाङ्गली । पीलूकग्रुकनासाह्वलवगादिभिरुत्तमः । १२४॥ व्यथ्येषा शतपुष्पी ।

## Group of pungent drugs

Šigru, drugs of surasādi and pippalyādi groups, vyoṣā, āmaya, rasona, caṇḍā, sumukha, mūlaka, surāhvā, fruit of abalguja, extract of kāla, lāṅgalī, pīluka, suka nasāhva, lavaṅga etc.,—these belong to the group of pungent drugs.

Vyoṣā is popularly called śata puṣpī,

व्याधिक्नादि गुड्च्यादि माण्डूकी वैजयन्तिका ।
हरिद्राद्वयशकाह्ववरुणेक्षुरशिखनी ॥१२४॥
दन्तीद्रवन्ती बृहतीश्यामासप्तच्छदस्तथा ।
व्याघ्री कोशफला तिक्ता कर्कोटी कारवेल्लिका ॥१२६॥
वार्ताकुकारवीगोपाकटभीशिशवाटिका ।
तथा वेत्रकरीराणि सुमना करवीरकौ ॥१२७॥
त्रायमाणा वृष्चिकाली कुमारी पाटिका वृषा।
शंखपुष्पी मेषश्रुद्भी तथा मर्कटपिप्पली ॥१२०॥
स्वादुकंटककस्तूरी बिबनिर्गुण्डिका तथा ।
द्रव्यैरेवंविधैश्चान्यैस्तिक्तवर्ग उदाहृतः ॥१२६॥
स्वादुकंटको विककतन्त्रः । शंखिनी यवतिक्ता ॥१३०॥

## Group of bitter drugs

Drugs of vyādhighnādi and gudūcyādi groups, māṇḍūkī, vaijayantikā, both the varieties of haridrā, šakrāhva, varuṇa, ikṣura, śamkhinī, dantī, dravantī, bṛhatī, śyāmā, saptacchada, vyāghrī, kośaphalā, tiktā, karkoṭī, kāravellikā, vārtāku, kāravī, gopā, kaṭabhī, śaśī, vāṭikā, vetra, karīra, sumanā, karavīra, trāyamāṇā, vṛścikālī, kumārī, paṭikā, vṛṣã, śamkha puṣpī, meṣa-śṛngī, markaṭa, pippalī, svādu kanṭaka, kastūrī, bimba, nirguṇḍi—these and such other drugs belong to the group of bitter drugs.

Svādu kantaka, is called vikankata vrksa. Šankhinī is known as yava tiktā.

न्यग्रोधादिः प्रियंग्वादिः काककोलादिकस्तथा । ग्रम्बष्ठादिश्च त्रिफला जम्बाम्नबकुलोद्भवः । स्फूर्जनागवध्शाकवनस्पतिफलानि च ॥ १३१॥ 29 ''सालसारादिकं चैव कतकस्य फलानि च ॥१३२॥'' भिण्टो सुकुण्डली चिल्ली जीवन्ती सुनिषण्णकः।
कलवुषा निपालकीप्रभृतीनि तथैव च ।
मूद्गनीवारकाद्याश्च कषायो वर्गसंज्ञितः ।। १३३ ।।
काककोलादिकः लोधादिकः ।। कुंडली कांचनारः ।।
स्फूर्जस्तिन्दुकः ।। नागवध् सल्लकीत्यर्थः ।। १३४ ।।

#### Group of astringent drugs

Drugs of nyagrodhādi, priyangvādi, kākakolādi, and ambaṣṭhādi groups, fruits of triphalā, jambu, āmra, vakula, sphūrja, nāga vadhū, śāka and vanaspati, drugs of sālasārādī group, fruits of kataka, jhinṭa, sukunḍalī, cillī, jīvantī, suniṣannaka, kalambuṣā, nipālankī etc., mudga, nīvāra etc.,—these belong to the group of astringent drugs.

Kākakolādi group is the same as lodhrādi group. Kunḍalī is called kāncanāra. Sphūrja is called tinduka. Nāga vadhu is known as sallakī.

## ।। इति षडुसानि द्रव्याणि ।।

Thus ends, the description of drugs classified according to their tastes.

मूर्वाम्लिकादहनसूरगासैन्धवानां योगो भवेत्पञ्चहुताजनास्यः ।
दुर्नागमन्दाग्नियकृद्ग्रहामयं लीढ्वाढ्यवातदलनेष्वयमेवज्ञस्तः ॥१३५॥
[पञ्चाग्निः]

## Pc ñcāgni

Mūrvā, amlıkā, dahana, sūraṇa and saindhava—these drugs taken together are called pañca hutāśana. It cures durnāman (piles), mandāgni (loss of the power of digestion), yakṛdroga (diseases of liver) and grahāmaya (diseases caused by the affliction of grahas). When taken in the form of a linctus, it cures āḍhya vāta (gout) successfully.

ग्रथातः संप्रवक्ष्यामि द्रव्यं संशोधनादिकम् । यथा संशोधनादौ तु न मोहं गच्छति क्वचित् ।। १३६॥

Groups of drugs for samsodhana etc.,

Now groups of drugs used for elimination of dosas are being described so that no mistake is committed in the administration of therapies.

'मदनकुटजजीमूतकेक्ष्वाकुधामार्गवलो झकुवेतधनसर्षप-विडङ्गपिप्पलीकरञ्जप्रपुन्नाटकोविदारकर्बु दारारिष्टा-क्वगन्धामधूकसारविदुलबन्धुजीवकक्ष्वेताशणपुष्पीबिबी-वचेन्द्रवारुणीद्वयं चेत्यूर्ध्वभागहराणि ॥ १३७॥

#### **Drugs for Emesis**

Madana, kuṭaja, jīmūtaka, ikṣvāku, dhāmārgava, lodhra, kṛtavedhana, sarṣapa, viḍanga, pippalī, karañja, prapunnāṭa, kovidāra, karbudāra, arisṭa, aśva gandhā, madhūka sāra, vidula, bandhu jīvaka, śvetā, śaṇa puspī, bimbī, vaca and both the varieties of indra vāruṇī—these drugs help in the elimination of doṣas through the upward tract.

30
त्रिवृद्दन्तीद्रवन्तीसप्तलाशिखनीविषाणिका गवाक्षीछागलान्त्रीनीलिनीफलस्नुक्सुवर्णक्षीरीचित्रकिणिहीतिल्वककंपिल्लकचपकरम्यकपाटलापूगहरीतक्यामलविभीतकलिंगीकनकफलगुडैरण्डपूतीकमहावृक्षसप्तच्छदाकरिग्वधपत्रज्योतिष्मतीचेत्यधोभागहरािए
।। १३८ ।।

## Drugs for purgation

Trivṛt, dantī, dravantī, saptalā, śamkhinī, viṣāṇikā, gavākṣī, chāgalāntrī, nīlinī, phala, snuk, suvarṇa kṣīrī, citraka, kiṇihī, tilvaka, kaṃpillaka, campaka, ramyaka, pāṭalā, pūga, harītakī, āmala, vibhītaka, lingī, kanaka phala, guḍa, eraṇḍa, pūtīka, mahā vṛkṣa, sapta cchada, arka, āragvadha, patra, jyotiṣmatī—these drugs help in the elimination of doṣas through the downward tract.

31 अत्र तिस्वकादीनां मूलानि ।। पूगादीनामेरण्डान्तानां 32 फलानि ।। पूतीकारग्वधयोः पत्राणि ।। क्षीरिसां क्षीराणीति ।। १३६ ।।

Of drugs from tilvaka upto  $p\bar{a}tal\bar{a}$ , roots are to be used, from  $p\bar{u}ga$  upto eranda, fruits are to be used, of  $p\bar{u}t\bar{i}ka$  and  $\bar{a}ragvadha$ , leaves are to be used and of other milky plants the latex is to be used.

कोशातकी - सप्तला - शिक्किनी - देवदाली - हेमाह्वा -कारवेल्लीत्युभयतोभागहरािंगः। एषां स्वरसा इति ॥१४०॥

## Drugs which are both Emetic & Purgative

Kośātākī, saptalā, śamkhinī, devadālī, hemāhvā and kāravelli—these drugs help in the elimination of doṣas through both the upward and downward tracts.

The juice of these plants is to be used.

पिपालीमरिचविडङ्गमधुशिग्रुसिद्धार्थकशिरीषकरकीर-बिबीगिरिकणींकिणिहीवचाज्योतिष्मतीकरंजार्कालकं-लगुनातिविषाशृंगवेरतालीसतमालसुरसाजंकेङ्गुदीमे-षश्रङ्गीमातुलुंगीमुरङ्गीपोलुतिनिशशालतालमधूकला-क्षाहिगुलवणमद्यशकृदसमूत्राणीति शिरोविरेचनानीति ॥१४१॥

#### Errhlnes

Pippalī, marica, vidanga, madhu śigiu, siddhārthaka, śirīṣa, karavīra, bimbī, girikarņī, kiṇihī, vacā, jyotismatī, karañja, arka, alarka, laśuna, ativiṣā, sṛngavera, tālīsa, tamāla, surasā, arjaka, ingudī, meṣa sṛngī, mātulungī, pīlu, tiniśa, śāla, tāla, madhūka, lākṣā, hingu, lavaṇa, madya, śakṛt rasa and urine—these help in the elimination of doṣas from the head.

करवोरादीनामकान्तानां मूलानि मातुलुङ्गीमुरङ्गीपी-लुजातीना पृष्पाणि ॥ १४२ ॥

Of the drugs from karavīra upto arka, roots are to be used and the flowers of mātulungī, murangī, pīlu and jātī are to be used.

भद्रदारुकुष्ठिनिशामेषलश्चुङ्गी बातिबलार्तंगलकालकक-च्छूराशल्लकीकुबेराक्षीवीरतरुसहचराग्निमन्थवत्सादनी श्वंदष्ट्रेरंडाश्मभेदकार्कालर्कशतावरीपुनर्नवावसुकव-शिरकर्चूरभार्गीकार्पासीवृश्चिकालीधत्त्रबद्यवकोल-कुलत्थप्रभृतीनि विदारिगन्धादिश्च द्वे पञ्चमूल्यो-। १४३।।

## Group of drugs for alleviation of vāyu

Bhadra dāru, kuṣṭha, niśā, meṣa śṛṅgī, balā, atibalā, ārta-gala, kālaka, kacchura, śallakī, kuberakṣī, vīrataru, sahacara, agni mantha, vatsādanī, śvadamṣṭrā, eraṇḍa, aśma bhedaka, arka, alarka, śatāvarī, punarnavā, vasuka, vaśira, karcūra, bhārgī, kārpāsī, vṛścikali, dhattūra, badara, yava, kola, kulattha etc., drugs belonging to the vidārigandhādi group and both the varieties of pañca mūla—these, in brief, are the alleviators of vāyu.

चन्दनकुचन्दनह्रीवेरोशीरमंजिष्ठापयस्याविदारिका-शतावरीगुन्द्राशैवालककत्हारकोकन्दोत्पलकदलीमूर्वा-प्रभृतीनिकाकोल्यादिसारिवादिन्यग्रोधादिरुत्पलादितृण-पञ्चमूलमिति समासेन पित्तसंशमनो वर्गः ॥१४४॥

## Group of drugs for alleviation of pitta.

Candana, kucandana, hrībera, uśīra. mañjiṣṭhā, payasyā, vidārikā, śatāvarī, gundrā, śaivālaka, kalhāra, kokanda, utpala, kadalī, mūrvā etc. and drugs of kākolyādi, sārivādi, nyagrodhādi, utpalādi and triņa pañca mūla groups these, in brief, are the alleviators of pitta.

कालेयकागरुतिलपर्णीकुष्ठहरिद्राशीतिशवशतपुष्पासर-लरास्नाप्रकीर्योदकीर्येङ्गृदीसुमनसःकाकादनीलाङ्गल-कीहस्तिकर्णमुं जातकलामज्जकप्रभृतीनि वल्लीकण्टक-पञ्चमूल्यौ पिप्पल्यादिमुं क्कादिवंचादिः सुरतादिरारग्वधादिरिति समासेन **इलेष्मसंशमनो** वर्गः।। १४५।।

## Group of drugs for alleviation of kapha

Kāleyaka, agaru, tila parņī, kuṣṭha, haridrā, śīta, śiva, śata-

puṣpā, sarala, rāsnā, prakīryā, udakīryā, iṅgudī, sumanas, kākādanī, lāṅgalakī, hasti karṇa, muñjātaka, lāmajjaka etc. and drugs belonging to valli pañca mūla, kaṇṭaka pañca mūla, pippalyādi, muṣkakādi, vacādi, surasādi, āragvadhādi groups—these, in brief, are the alleviators of kapha.

तत्र सर्वाण्योषधानि व्याधिबलादधिकमोषधमुपयुक्त तमुपशम्यव्याधिमन्यमावहन्ति । अग्निबलादधिकमजीर्ण विष्टभ्य वा पच्यते । पुष्पबलादधिकं ग्लानिमूर्छाम-दानावहति । तस्मात्सममेव विदध्यात् ॥ १४६॥'

[सुश्रुतः सूत्र ३६: ३-१०]

## Proper dosage

If all these drugs are used in excess of the strength of the disease, then after curing the disease, they produce other ailments. If these are used in excess of the digestive power then they, being undigested, cause flatulence. If they are used in excess of the strength of the individual then they cause mental fatigue, fainting and intoxication. Therefore, these should be administered in appropriate dosage.

नवधान्यमाषितलकुल्माषकुलत्यनिष्पावहरितशाका-म्ललवणकटुगुडपिष्टविकृतिवल्लूरशुप्कशाकाजाविका-नुपोदकमांसवसाशीतोदककुशरापायसदिधदुग्धतक्रमद्य-प्रभृतीनि परिहरेत् ॥ १४७॥

## Unwholesome food for a patient

Freshly harvested corns, māṣa, tila, kulmāṣa, kulattha, niṣpāva, green vegetables, ingredients having sour, saline and pungent tastes, pastries, dried fish, dry vegetables, meat as well as musale fat of goat, sheep and animals inhabiting marshy land and water, cold water, kṛṣʿarā, pāyasa, curd, milk, butter milk, alcoholic drinks etc., should be avoided by a patient.

तक्रान्तो नवधान्यादियोऽयं वर्ग वदाह्वतः । ११। दोषसंजननो ह्योष विज्ञेयः पूयवर्धन कुठेरकशिग्रुसुरससुमुखासुचिभूस्तृणाः

# शुक्तं च चुक्रिकं चेति वर्गं हरितकं विदुः ॥ १४६॥

Ingredients enumerated above from freshly harvested corns upto butter milk aggravate doṣas and they cause pus formation. Kuṭheraka, śigru, surasā, sumukha, suci, bhūstṛṇa, śukta and cukrika—these are çalled haritaka.

# म्रतः सर्वप्राणिनामाहारार्थं वर्गं उपदिश्यते ।

रक्तशालिषिष्टिककंगुककुमुदकपाण्डुककरमदंकसुगन्ध-ककलमशात्तपुटी कुमोदकनीवारकोद्रवोद्दालक-श्यामाकनन्दीमुखीवेणुयवाः, एणहरिणमृगकुरङ्ग-मातृकाः श्वदंष्ट्राकरालविष्किरहारीतितित्तिरलावकाः किषजलवर्तीरकाश्च, मुद्गमकुष्ठवर्तुं कलायमसूरम-ङ्गल्याचणकाढ़कीसतीनमाषाश्च, चिल्लीवास्तुक-निपण्णकजीवन्तीतण्डुलीयकमण्डूकपण्यंः, गव्यं घृत सैन्थवं दाडिमामलकतंडुलवर्गः [?], ब्रह्मचर्य-निर्वातशयनोष्णोदकनिद्रास्वप्नः [?] व्यायामश्चैप वर्ग सर्वप्राणिना सामान्यतः पश्यतमः ॥ १५०॥

## Wholesome food & regimens

(a) Rakta śāli, ṣaṣṭika, kanguka, kumudaka, pāṇḍuka, karamardaka, sugandhaka, kalama, śāttapuṭṭi, kumodaka, nīvāra, kodrava, uddālaka, śyāmāka, nandīmukhī venuyava, (b) ena, hariṇa, mṛga, kuranga, māṭṛkā, śvadamṣṭra, karāla, viṣkira, hārīta, tittira, lāvaka, kapiñjala, vartiraka, (c) mudga, makuṣṭha, vartula kalāya, masūra, maṅgalyā, canaka, āḍdhakī, satīna, māṣa (d) cillī, vāstuka, niṣanṇaka, jīvantī, tanḍulīyaka, maṇḍūka parṇī, (e) cow's milk, ghee, rock salt, dāḍima, āmalaka, (e) celibacy, sleep in a non-airy place, hot water, sleep and exercise—these are, in general, most wholesome for all living creatures.

## कुष्णात्रेयः

त्रपुट विद्यमानेषु भ्रमः कोप गतञ्जतः । [?] शमी धान्येषु माषान्नमपथ्यत्वं प्रभाषते ॥ १५१॥ वातव्याधिप्रशमना श्रूबाध्मानिकन्तनाः । बल्या वाजीकरा माषाः स्युरपथ्यतमाः कथम् ॥१५२॥

Among the  $\hat{s}am\bar{\imath}$   $dh\bar{a}nyas$  (grains),  $m\bar{a}sa$  is considered to be the most unwholesome. This view is not correct because  $m\bar{a}sa$  cures diseases caused by the vitiation of  $v\bar{a}yu$ ,  $s\bar{u}la$  (colic pain) and  $\bar{a}dhm\bar{a}na$  (flatulence). It promotes strength as well as virility. Why should it be treated as unwholesome?

श्रवस्थान्तरबाहुल्याद्रोगादीनां व्यवस्थितम् ।
द्रव्यं नेच्छन्ति भिषजद्रष्टिर स्वस्थरक्षराम् ॥१५३॥
द्वयोरन्यतरादाने वदन्ति विषदुग्धयोः ।
दुग्धस्यैकान्ततो हितं विषस्यैकान्ततोऽहित ॥१५४॥
33
स्वस्थरोगिणाम्।

Disease have different varieties and stages. Therefore, physicians who aim at preservation of health do not fix a particular drug for a particular ailment. There are however things which are extremely good or extremely bad. For example, milk is always useful whereas poison is always harmful both for healthy persons as well as patients.

#### NOTES AND REFERENCES

1. This is the 12th Chapter of Ayurveda Saukhyam in Todarānanda and the opening invocation reads below:—

"गोपालिकाना करताडनेन कलसनृत्यं प्रचकार बालः । सामस्वरो विश्वविनर्तको यस्तनोतु शं टोडरमल्लभूपे॥"

- 2. 'कियद्भरोप्योषधसंग्रहेर्गणैनिगद्यते' इति पंचमपुस्तके पाठः।
- 3. 'स्यात्सप्तित्रशदमां भिर्गणेवींक्ष्यवातिपत्तकफात्' इति प्रथमपुस्तके पाठः ।
- 4. 'भिषजः' इति द्वितीयपुस्तके पाठः ।
- 5. 'भिन्नान् मिश्रान् प्रयोजयेत्' इति द्याकरे पाठः ।

- 6. 'द्वय' इति प्रथमद्वितीयपुस्तकयोः पाठः ।
- 7. 'चिरविल्व' इति प्रथमपंचमपुस्तकयोः पाठः ।
- 8. 'त्रय' इति प्रथमपंचमपुस्तकयोः पाठः ।
- 9. 'वातरुजापहः इति प्रथमपंचमपुस्तकयोः पाठः ।
- 10. 'लोझ' इति प्रथमपंचमपुस्तकयोः पाठः ।
- 11. द्रष्टव्यम् सुश्रुतः सूत्रः ३८ : २२-२३।
- 12. 'मूत्रदोषहरो''''रिचप्रदः' पाठोऽयं प्रथमपंचमपुस्तकयोः नोपलभ्यते ।
- 13. द्रष्टन्यम् सुश्रुतः सूत्र ३८ : ५०-५१।
- 14. द्रष्टव्यम् सुश्रुतः सूत्र ३८ : ५४-५५।
- 15. द्रष्टब्यम् सुश्रुतः सूत्र ३८: ५३।
- 16. द्रष्टव्यम् सुश्रुतः सूत्र ३८: ५६, योगरत्नाकरः पृष्ठ ६७।
- 17. द्रष्टव्यम् सूश्रुतः सूत्र ३८: ५८।
- 18 द्रव्टव्यम् सश्र्तः सूत्र ३८: ६०-६१।
- 19. द्रष्टव्यम् स्श्रुतः सूत्र ३८ : ६६-७०।
- 20 द्रप्टव्यम् स्त्रतुत सूत्र ३८: ७२-७६।
- 21. 'तृवृता' इति प्रथमपंचमपुस्तकयोः पाठः ।
- 22. 'वृष्याणां इति द्वितीयपुस्तके पाठः । वृक्षाणां इति प्रथमपंचमपुस्तकयोः पाठः ।
- 23. 'यत्तु' इति द्वितीयपुस्तके पाठः ।
- 24. द्रष्टव्यम् योगरत्नाकरः पृष्ठ ६८ ।
- 25. "वृद्धिस्तु""मधुरशीतलं" इति प्रथमपंचमपुस्तकयोः पाठः ।
- 26. द्रष्टच्यम् भावप्रकाशः हरीतक्यादिवर्गं. १२२।
- 27. 'सु नध्वाढच ' इति म्राकरे पाठः।
- 28. तद्यनेन इति द्वियीयतृतीय चतुर्थपुस्तकेषु पाठः ।
- 29. ''सालसारादिक····' फलानिच'' इति प्रथमद्वितीयपुस्तकयोः पाठः ।
- 30. 'त्रिवृत्रयामादन्ती' इति प्रथमपंचमपुस्तकयोः पाठः। 'विवृतारयामदन्ती' इति ग्राकरे पाठः।
- 31. 'त्रिवृत्तादीनां' इति द्वितीयपुस्तके पाठः ।
- 32. 'शेषाणां' इति आकरे पाठः ।

33. This is the end of the 12th chapter in Ayurveda Saukhyam of Todarānanda and the colophon reads as below:

इति श्रीमहाराजाधिराजटोडरमल्लविऱिचते टोडरानन्दे ग्रायुर्वेदसौख्ये गणोहेशकथनं नाम द्वादशो हर्षः।

#### **CHAPTER 31**

द्रव्यनामगुणान् ज्ञात्वा भिषजः कर्म्म कुर्व्वते । 1 तस्मादगदनामानि वक्ष्यन्ते कर्म्मसिद्धये ॥१॥

Physicians resort to therapeutic measures only after obtaining the knowledge of the names and properties of medicinal substances. Therefore, for successful accomplishment of the treatment of diseases names (synonyms) of therapeutically useful substances are being described

## हरीतकी

शिवा हरोतकी पथ्या चेतकी विजया जया।
2 3
प्रपथ्या प्रमथामोघा कायस्था प्राणदामृतां।। २।।
जीवनीया हैमवती पूतनामृतलाभया ।
वयस्था नदि विज्ञेया श्रेयसी रोहिणी तथा।। ३।।

#### **Harītakī**

Šivā, harītakī, pathyā, cetakī, vijayā, jayā, prapathyā,

pramathā, amoghā, kāyasthā, prāṇadā, amṛtā, jīvanīyā, haimavatī, pūtanā, amṛtalā, abhayā, vayasthā, nandi, śreyasī and rohiṇī—these are synonymous.

#### ग्रामलक

धात्रीफलामृतफलामलकं श्रीफलं शिवम् ।

#### $\bar{A}$ malaka

Dhatrī phala, amṛta phala, āmalaka, śrī phala and śiva—these are synonymous.

#### विभीतक

विभीतकः कर्षफलो भूतवासः कलिद्रमः ॥ ४॥

वासंतोऽक्षो विघ्यजातः सवर्त्तस्तिलपुष्पकः ।

#### Vibhītaka

Vibhītaka, karṣa phala, bhūta vāsa, kali druma, vāsanta, akṣa, vindhya jāta, samvarta and tila puspaka—these are synonymous.

#### त्रिफला

त्रिफला तत्त्रयेण स्याद्वरा श्रेष्ठा फलोत्तमा ॥५॥

## Triphalā

Harītakī, āmalaka and vibhītaka are called triphalā, when taken together. Varā, śreṣṭhā and phalottamā—these are the synonyms of triphalā.

# भु**म्याम**लको

भूधात्री वहुपत्रा स्याज्जेटा तामलकी शिवा

## Bhūmyāmalakī

Bhū dhātrī, vahu patrā, jaṭā, tāmalakī and śivā—these are the synonyms of bhūmyāmalakī.

### प्राचीनामलक

प्राचीनामलकं प्राचीनागर रक्तक मतम् ॥६॥

#### Prācīnāmalaka

Prācīnāmalaka, prācī nāgara and raktaka—these are synonymous.

#### वासा

वासा वृषः सिंहमुखी भिषङ्माताटरूषकः । शुक्ल हैमवती चैव सिंहास्यो वाजिदंतकः ॥ ७॥

#### Vāsā

Vāsā, vṛṣa, simha mukhī. bhiṣammātā, āṭaruṣaka, śukla, haimavatī, simhāsya and vāji dantaka—these are synonymous.

## गुडुची

गुडूची कुडली छिन्ना वयस्थामृतवल्लरी ।
छिन्नोद्भवा छिन्नरहामृता ज्वरविृ्नाशिनी ॥ ८ ॥
वत्सादनी चंद्रहासा जीवंती चक्रलक्ष्यणा ।

### Gudūcī

Gudūcī, kuṇḍalī, chinnā, vayasthā, amṛta vallarī, chinnodbhavā, chinna ruhā amṛtā, jvara vināśinī, vatsādanī, candra hāsā, jīvantī, cakra lakṣaṇā—these are synonymous.

### बिल्ब

बिल्वः शलाटु शंलुषो मालूरश्च सदाफलः ॥ ६ ॥ लक्ष्मीफलो गधगर्भः शांडिल्यः कटकी मतः ।

### Bilva

Bilva, salāţu, sailūṣa, mālūra, sadā phala, lakṣmī phala, gandha garbha, sāndilya, kanṭakī—these are synonymous.

### ग्ररणि

अग्निमंथो जयः केशी अरणिर्वेजयंतिका॥ १०॥

### Aranī

Agni mantha, jaya, kešī, araņi and vaijayantikā—these are synonymous.

#### पाटलाकाष्ठपाटला

पाटला कामदूती स्यात् कुम्भिका कालवृंतिका ।
स्थाल्यामोघा मधोर्दूती ताम्रपुष्पांबुवासिनी ।
ग्रन्या फलेरुहा च्वेतकु भीका काष्ठपाटला ।।११॥

### Paṭalā & Kāṣṭhapāṭālā

Paṭalā, kāma dūtī, kumbhikā, kālavintikā, sthālyā, amoghā, madhordūtī, tāmra puṣpā and ambu vāsmī—these are the synonyms of pāṭalā. Another variety of it which is called kāṣṭhapāṭalā has two synonyms viz., phale ruhā and śveta kumbhīkā.

#### गंभारि

कास्मरी सर्वतोभद्रा श्रीपणी कृष्णवृंतिका । कभारी काश्मरी हीराकाश्मरी भद्रपणिका ॥ १२॥

#### Gambhāri

Kāsmasī, sarvatobhadrā, śrī parņī, kṛṣṇa vṛntikā, kambhārī, kāśmarī, hīrā kāśmarī and bhadra parṇikā—these are synonymous.

## स्योनाक

६ स्योनाकः पृथुशिवः स्यात् शुकनासः कुटंनटः । 7 भूतवृक्षश्च खट्वांगः टुंटुकः सल्लकोरलुः । मयूरजंघो शालूकः प्रियंजीवः कटभरः ॥ १३ ॥

# Śyonāka

Syonāka, pṛthu śimba, śuka nāsa, kutamnaṭa, bhūta vṛkṣa, khaṭvānga, ṭuṇṭuka, sallaka, aralu, mayūra jangha, śāluka priyamjīva and kaṭambhaka—these are synonymous.

## महत्पंचम्ल

विल्वादिभिः पचिभरेव यत्स्यात् तत्पचमूलं महदग्निकारिः ।। १४॥

#### Mahat pañca műla

Bilva, araṇi, pāṭalā, gambhārī and śyonāka—these five drugs, taken together, are known as mahat pañca mūla. They are the promoters of digestion and metabolism.

# गोक्षुर

गोक्षुरस्त्रिकटः कंटफलः स्यात्स्वादुकंटकः । गोकंटको भद्रकंटस्त्रिकंटो व्यालदष्ट्रकः । श्वदंष्टः स्थलभ्शंगाटः षडगः क्षुरकस्त्रिकः ॥ १५ ॥

#### Goksura

Gokṣura, trikaṭa, kaṇṭa phala, svādu kaṇṭaka, go kaṇṭaka, bhadra kaṇṭa, brikaṇṭa, vyāla daṁṣtraka, śvadaṁṣtra, sthala śṛṅgāṭa, ṣaḍaṅga, kṣuraka and trika—these are synonymous.

#### शालिपणीं

शालिपर्णी ध्रुवा सौम्या त्रिपर्णी पीतनी स्थिरा।
विदारिगंधातिगुहा दीर्घमूलांशुमत्यपि ॥ १६॥

### Śali parnī

Śāli parnī, đhruvā, saumyā, tri parnī, pītanī, sthirā, vidārigandhā, ati guhā, dīrgha mūlā and amsumati—these are synonymous.

# पृश्चितपर्णी

पृश्चितपर्णी क्रोष्टुपुच्छा धावनी कलशी गुहा । शृगालविट् वृत्तलता पृथक्पणी च पणिका ॥ १७ ॥

## Pṛśni parņī

Pṛśni parṇī, kroṣṭu pucchā, dhāvanī, kalaśī, guhā, śṛgāla viṭ, vṛtta latā, pṛthak paṛnī and parṇikā—these are synonymous.

# बृहत्कटकारी

बृहती स्थूलभंटाकी विशदा च महोटिका।

वृंताकी महती सिंही कंटकी राष्ट्रनाकुली ॥ १८॥

Bṛhat kaṇṭakārī

Bṛhatī, sthūla bhaṇṭāki, viśadā, mahoṭikā vṛntākī, mahatī, simhī, kaṇṭakī and rāṣṭra nākulī—these are the synonyms of bṛhat kaṇṭakārī.

# लघुकंटकारी

कटारिका कंटिकनी कंटकारी निदिग्धिका । दुःस्पर्शा धावनी क्षुद्रा स्याद्व्याघ्री दुःप्रधर्षिणी ॥१६॥

### Laghu kantakārī

Kaṇṭārikā, kaṇṭakinī, kaṇṭakārī, nidigdhikā, duḥsparśā, dhāvanī, kṣudrā, vyāghrī and duḥpradharṣiṇī—these are the synonyms of laghu kaṇṭakārī.

#### इवेत कंटकारी

सितक्षुद्रा चंद्रहास्या लक्ष्मणा क्षेत्रदूतिका ।

Śveta kantakārī

Sita kṣudrā, candra hāsyā, lakṣmaṇā and kṣetra dūtīkā—these are the synonyms of śveta kaṇṭakārī.

# लघुपंचमूल

ह्रस्वाख्यं पंचमूलं स्यात्पंचिभगों क्षुरादिभिः ॥ २० ॥

Laghu pāñca mūla

Gokṣura, śāli parṇī, pṛśni parṇī, bṛhat kaṇṭakārī and laghu kaṇṭakārī—these five drugs, taken together, are known as laghu pañca mūla.

### दशमूल

एताभ्यां पंचमूलाभ्यां दशमूलमुदाहृतम् ।

#### Daśamūla

The ten drugs, included in these two groups viz., mahat

pañca mula and laghu pañcamula, taken together are called dasa mula.

# ऋद्धि वृद्धि

9 ऋद्धि सुखं युग लक्ष्मीः सिद्धिः सर्वेजनिष्रया ॥ २१ ॥

Rddhi and vrddhi

Both Rddhi and vrddhi (sukha) are called lakṣmī, siddhi and sarva jana priyā.

#### काकोली

काकोली मधुरा वीरा कायस्था वीरशुक्लिका ।
10
हवांक्षकोली वायशोली स्वाद्मांसी पयस्विनी ॥२२॥

#### Kākolī

Kākolī, madhurā, virā, kāyasthā, vīra suklikā, dhvānkṣa kolī, vāyasolī, svādu māmsī and payasvinī—these are synonymous.

### क्षीरकाकोली

द्वितीया क्षीरकाकोली शताह्वा क्षीरिणी मता।

### Ksīra kākolī

The second variety of  $k\bar{a}kol\bar{i}$ , which is known as  $ks\bar{i}ra$   $k\bar{a}kol\bar{i}$  has two synonyms viz.,  $\hat{s}at\bar{a}hv\bar{a}$  and  $ks\bar{i}rin\bar{i}$ .

#### मेदा

मेदा ज्ञेया शाल्यपणी मणिछिद्राऽभयाघरा ॥ २३ ॥

#### Medā

Medā, śālya parņī, maņi chidrā, abhayā and adharā—these are synonymous.

## महामेदा

महामेदा बसुछिद्रा त्रिदंता देवतामणि: ।

#### Mahāmedā

Mahā meda, vasu chidrā, tri dantā, devatā and maņi—these

are synonymous.

#### जीवक

जीवको मधुरः शृंगी ह्वस्वागः कूर्च्चशीर्षकः ॥२४॥

Jiyaka

Jīvaka, madhura, śṛṅgī, hrasvānga and kūrca śīrṣaka—these are synonymous,

#### ऋषभक

ऋषभो धीर इंद्राक्ष विषाणी दुर्द्धरो वृष: ।

Ŗṣabhaka

Rṣabha, dhīra, indrākṣa, viṣāṇī, durdhara and vṛṣa—these are synonymous.

#### ग्रष्टवर्ग

अष्टवर्गोष्टिभिर्द्रभैरेतैः शीतोतिशुक्रलः ॥ २५ ॥

Asta varga

Rddhi, vrddhi, kākolī, kṣīra kākolī, medā, mahā medā, jīvaka and ṛṣabhaka—these eight drugs taken together are called aṣṭa varga. They are cooling and exceedingly spermatopoetic.

### जीवंती

जीवंती जीवनी जीवा जीवनीया यशस्करी । शाकश्रोष्ठा जीवभद्रा मंगल्या जीववर्द्धनी ॥ २६॥

Jivantī

Jīvantī, jīvanī, jīvā, jīvanīyā, yaśaskarī, śāka śresṭhā, jīva bhadrā, mangalyā and jīva varḍhinī—these are synonymous.

# मधुयष्टी

मध्यष्टी क्लीतनक यष्टीमधु मधूलिका । यष्ट्याह्वं मधुकं यष्टीमधुकं जलजं मधु ॥ २७॥ 458 Materia Medica

#### Madhu yaşţi

Madhu yaşţi, klītanaka, yasti madhu, madhūlikā, yaşţyāhva, madhuka, yaşţī madhuka, jalaja and madhu—these are synonymous.

### माषपर्गी

माषपर्णी कृष्णवृन्ता कांबोजी हयपुच्छिका । 12 मांसमाषा सिंहमुखी स्वादुमाषा महासहा ।। २८ ।।

#### Māşa parņī

Māṣa parṇī, kṛṣṇa vṛntā, kāmbojī, haya pucchikā, māmsamāsā, simha mukhī, svādu māṣā and mahā sahā—these are synonymous.

# मुद्गपर्णी

मुद्गपर्णी क्षुद्रसहा सूर्यपर्णी कुरंगिनी ।
13
वनजा रंगिणी जिंबी सिंही मार्जारगंधिका ।। २६ ।।

# Mudga parņī

Mudga parņī, kṣudra sahā, sūrya parņī, kuraṅginī, vanajā, raṅginī, śimbī, simhī and mārjāra gandhikā—these are synonymous.

## जीवनीयगरण

जीवंती सूप्यपर्णीयुक् काकोल्यौ जीवकर्षभौ । मेदे यष्टीति मधुरो जीवनीयगणो गुरुः ।। ३० ।।

## Jīvanīya gana

Jīvantī, māsa parņī, mudga parņī, kākolī, ķṣīra kākolī, jīvaka, ṛṣabhaka, medā, mahā medā and yaṣṭi madhu—taken together, they are called madhura gaṇa (group of drugs having sweet taste) or jīvanīya gaṇa (group of drugs promoting vitality). They are heavy (guru).

#### ए रण्ड

एरंडो दीर्घदंडः स्यात् वरुणो वर्द्धमानकः । चित्रः पंचागुलो व्याघ्रपुच्छो गंधव्वंहस्तकः ॥ ३१॥

#### Eanda

Eraṇḍa, dīrgha daṇḍa, varuṇa, vardhamānaka, citra, pañcāṅgula, vyāghra puccha and gandharva hastaka—these are synonymous.

### रक्त एरंड

रक्तदंडो हस्तिकणी व्याघ्रो व्याघ्रतरो रुबुः । 14 15 उत्तानपत्रो दुर्व्वातः ग्रामवैरी वंचचुलः ॥ ३२॥

### Rakta eranda

Rakta danda, hasti karna, vyāghra, vyāghratara, rubu, uttāna patra, durvāta, āma vairī and vacamcula—these are the synonyms of the red variety of eranda.

# सारिवायुग्म

सारिवा शारदास्फोता गोपकन्या प्रतानिका । गोपांगना गोपवल्ली लताह्वा काष्ठसारिवा । सारिवान्या कृष्णमुला भद्रचदनसारिवा ॥ ३३ ॥

### Two varieties of Sārivā

Sārivā, śūradā, āsphotā, gopa kanyā, pratānikā, gopānganā, gopa vallī, latāhvā and kāṣṭha sārivā—these are the synonyms of sārivā.

There is another variety of sārivā whose synonyms are kṛṣṇa mūlā, bhadra candana and sārivā.

#### यवासा

यासो मरुद्भवानंता दीर्घमूलो यवासकः । वालपत्रः समुद्रातो दूरमूलोऽतिकंटकः ॥ ३४॥ 460 Materia Medica

धन्वयासस्ताम्रमूली दुःस्पर्शा स्याद् रालभा । दुरालंभा यासकश्च कछुरा धन्वयासकः ॥ ३४॥

#### Yavāsā

Yāsa, marudbhavā, anantā, dīrgha mūla, yavāsaka, vāla patra, samudrānta, dūra mūla, ati kanṭaka, dhanva yāsa, tāmramūlī, duḥsparšā, durālabhā, durālambhā, yāsaka, kacchurā and dhanva yāsaka—these are synonymous.

# महामुंडी

महामुंडी लोभनीया छिन्नग्रंथिनिका स्मृता ।
16 17
भूतवृक्षः कुलहलो लंबु शालूककंटकः ।
कदंबपुष्पी मंडी च गुणैः भुमिकदंबकः ।। ३६ ।।

### Mahā muṇḍī

Mahā muṇḍī, lobhanīyā, chinna granthinikā, bhūta vṛkṣa, kulahala, lambu, śāluka kanṭaka, kadamba puṣpī, munḍī and bhūmi kadambaka—these are synonymous.

### श्रपामार्ग

ग्रपामार्गस्तु शिखरी किणिही खरमंजरी । ग्रधःशल्यः शैखरिकः प्रत्यक्पृष्पी मयुरकः ॥ ३७ ॥

## Apāmārga

Apāmārga, śikharī, kiņihī, khara mañjarī, adhaḥ śalya, śaikharika, pratyak puṣpī and mayūraka—these are synonymous.

## रक्तापामार्ग

ग्रन्यो रक्तो रक्तफलो वसिरः कपिपिप्पली ।

## Rakta apāmārga

Rakta phala, vasira and kapi pippalī—these are the synonyms of red variety of apāmārga,

# कंपिल्लक

कपिलो रेचनो रक्तरचूर्णको व्रणशोधनः ।
19
रोहीतो रक्तशमनो रेची रंजनको मतः ॥ ३८ ॥

### Kampillaka

Kampila, recana, rakta cūrņaka, vraņa śodhana, rohita, rakta śamana, recī and rañjanaka—these are the synonyms of kampillaka.

#### वंती

दंती घुणप्रिया नागदंती शीझमुकूलकः । उपित्रता निकुंभ स्याद्विशल्योदुंबरछदा ।। ३६ ॥ आखुकर्णी वृषैरंडा द्रवंती संवरी मता । 20 मूषिकाह्वा सुतश्रोणी प्रत्यक्श्रोणी कफंजिका ॥४०॥

#### Dantī

Dantī, ghuņa priyā, nāga dantī, sighra mukūlaka, upacitrā, nikumbha, visalyā, udumbara cchadā, ākhu karņī, vṛṣā, eraṇḍā, dravantī, samvarī, muṣikāhvā, suta śreṇī, pratyak śreṇī and kaphañjikā—these are synonymous.

#### जयपाल

जयपालो दंतिबीजं ख्यात तिंच्चिचणीफलं ।

### Jayapāla

Jayapāla, danti bīja and ciñciņī phala—these are synonymous.

### **इवेत**निशोथ

21 त्रिवृत्कुंभोऽरुणा त्र्यस्ना भंडी कूटरवाहिनी । 22 सर्वानुभूतिस्त्रिवृता त्रिपुटा सरलासिता ॥ ४१ ॥

### Šveta nišotha

Trivet, kumbha, aruṇā, tryasrā, bhaṇḍī, kuṭara vāhinī,

sarvānubhuti, trivṛtā, tripuṭā, saralā and sitā—these are the synonyms of the white variety of trivṛt.

#### श्यामनिशोथ

त्रिवृत्काला कालमेषी कालपर्ण्यर्द्धचंद्रिका । सुषेणा स्यान्मालविका मसूरा विदला मता ॥ ४२ ॥

### Šyāma niśotha

Trivṛt, kālā, kāla meṣī, kāla parṇī, ardha candrikā, suṣeṇā, mālavikā, masūrā and vidalā—these are the synonyms of black variety of trivṛt.

#### इन्द्रवारुशी द्वय

23 24 इंद्रवारुण्यथें द्राह्वा वृषभाक्षी गवादनी । इंद्रैविरु क्षुद्रफला विशालेंद्री विषादिनी ॥ ४३ ॥ ग्रन्थेद्रवारुणी चित्रफला चित्रा महाफला । ग्रात्मरक्षा नागदती त्रपुसी गजचिभिटा ॥ ४४ ॥

## Indra vāruņī — two varieties

Indra vārunī, indrāhvā, vṛṣabhāksī, gavādanī, indrairvāru, kṣudra phalā, viśālā, aindrī and visādanī—these are the synonyms of indra vārunī.

There is another variety of indra vāruņī whose synonyms are citra phalā, citrā, mahā phalā, ātma rakṣā, nāga dantī, trapusī and gaja cirbhiṭā.

#### म्रारग्वध

स्रारग्वधो राजवृक्षः शम्पाकः कृतमालकः । व्याधिधातः कर्णिकारः प्रग्रहश्चतुरंगुलः । श्रारोग्यशिबी स्वर्णद्रः कर्णी दीर्घफलो मतः ॥ ४५ ॥

## Āragvadha

Āragvadha, rājavṛkṣa, sampāka, kṛta mālaka, vyādhi ghāta,

karņikāra, pragraha, caturangula, ārogya śimbi, svarņadru, karņī and dīrgha phala—these are synonymous.

#### नीलिनी

नीलिनी नीलिका ग्राम्या श्रीफला भारवाहिनी । रंजनी कालिका मेला तुनी तुत्था विशोधनी ॥४६॥

#### Nīlinī

Nīlinī, nīlīkā, grāmyā, śrī phalā, bhāra vāhinī, rañjanī, kālikā, melā, tunī, tutthā and viśodhanī—these are synonymous.

## कट्की

कटुका रोहिणी तिक्ता चक्रांगी कटुरोहिणी । मत्स्यपित्ता कांडरुहा वष्णभद्रा द्विजांगिका ॥ ४७ ॥

### Kaţukī

Katukā, rohinī, tiktā, cakrāngī, katurohinī, matsya pittā, kānda ruhā, vṛṣṇa bhadrā and dvijāngikā—these are synonymous.

#### ग्रंकोल

अंकोलकस्ताम्रफलः पीतसारो निकोचकः ।
गुप्तस्तेहो विरेचीस्याद्भृसिता दीर्घकीलकः ॥ ४८ ॥

### Ankola

Ankolaka, tāmra phala, pīta sāra, nikocaka, gupta sneha, virecī, bhūsitā, dīrgha kīlaka—these are synonymous.

# सेहुं ड

सेहुंडो वज्रतुंडस्तु गंडीरो वज्रतुंडकः । स्नुही सामंतदुग्धासिपत्रा वज्री महातरुः ॥ ४६॥

## Sehunda

Sehunda, vajra tunda, gandīra, vajra tundaka, snuhī, sāmanta dugdhā, asi patrā, vajrī and mahā taru—these are synonymous.

#### ਜਿਵ

निबो नियमनो नेतारिष्टः स्यात्पारिभद्रकः ।

स्तिक्तः सर्वतोभद्रः पिचमर्दः प्रभद्रकः ॥ ५०॥

#### Nimba

Nimba, niyamana, netā, arista, pāribhadraka, sutikta, sarvatobhadra, picu marda and prabhadraka—these synonymous.

# महानिब

महानिबो निबरकः कार्मको विषमिष्टकः । रम्यको गिरिकोद्रेको क्षीरः स्यात्केशमध्यकः ।।५१।।

#### Mahā nimba

T From, Mahā nimba, nimbaraka, kārmuka, visa mustika, ramyaka, gırika, udreka, kşīra and keša muştika—these are synonymous.

### किराततिक

किरातितक्तः कैरातो भृनिब. रामसेनकः । किरातकीन्यो नैपालो नारीतिक्तो ज्वरांतक: । कांडतिक्तोर्ध्वतिक्तः स्यान्निद्रारिः सन्निपातहा ॥ ५२॥

## Kirāta tikta

Kirāta tikta, kairāta, bhūnimba and rāmasenaka—these are the synonyms of kirāta tikta.

There is another variety of kirāta tikta whose synonyms are naipāla, nārī tikta, jvarāntaka, kānda tikta, urdhva tikta. nidrāri and sannipātahā.

### क्टज

कुटजो मल्लिकापुष्पः कलिंगो गिरिमल्लिका ।

वत्सकः कुटजः कोटीवृक्षकः शक्रभूरुहः ॥ ५३॥

### Kuṭaja

Kutaja, mallikā puṣpa, kalinga, giri mallikā, vatsaka, koṭī vṛkṣaka and śakra bhūruha—these are synonymous.

#### इन्द्रयव

ऐन्द्रयवस्तस्य फलं कार्लिगः कौटजो मतः । शक्राह्वः पुरुहृतश्च प्रोक्तो भद्रयवस्तथा ॥ ५४॥

#### Indra yava

The fruit of kuţaja is called indra yava. Its synonyms are kālinga, kauţaja, śakrāhva, puruhuta and bhadra yava.

#### मदनफल

मदनः छर्द्गः पिडी राठः पिडीतकः फलम्। करहाटश्च तगरः शल्यको विषपुष्पकः ॥ ४५॥

### Madana phala

Madana, chardana, piṇḍī, rāṭha, piṇḍītaka phala, karahāṭa, tagara, śalyaka and viṣa puṣpaka—these are synonymous.

## कंक्ड

कंकुष्ठकं काककुष्ठ रेचनं रंगनायकम् । 30 31 शोभनं चुलकं रासं वरागं किंनुबालकम् ॥ ५६॥

## Kamkuştha

Kamkusthaka, kāka kustha, recana, ranga nāyaka, śobhana, culaka, rāsa, varānga and kimnubālaka—these are synonymous.

### स्वर्णश्रीरी

हेमाह्वा कनकक्षीरी हेमदुग्धा हिमावती । क्षीरिनी कांचनक्षीरी कटुपर्णी च कर्षिणी ।। ५७ ।।

## Svarnakşīrī

Hemahvā, kanaka kṣīrī, hema dugdhā, himāvatī, kṣīrinī, kāncana kṣīrī, kaṭu parnī and karṣīṇī—these are synonymous.

#### सातला

सातला विमला सारी सप्तला वहुफेनिका। 33 चर्मसाह्वा चर्मकसा फेना दीप्ता च नालिका।।५८।

#### Sātalā

Sātalā, vimalā, sārī, saptalā, vahu phenikā, carmasāhvā, carma kasā, phenā, dīptā and nālika—these are synonymous.

#### अश्मंतो

ग्रश्मंतो मालुकापत्रो युग्मपत्रोऽम्लपत्रकः । इलक्ष्णत्वगश्मयोनिः स्यात्कृशली पापनाशनः ॥५६॥

#### Aśmanta

Asmanta, mālukā patra, yugma patra, amla patraka, slakṣṇa tvak, aṣma yoni, kuṣalī and pāpa nāṣana—these are synonymous.

#### कांचनार

कांचनारः काचनकः पाकारी रक्तपृष्पकः । कोविदारोऽस्यभेदः स्यात्कुद्दालः कुडली कुली । 34 आस्फोतोद्यलकः स्वल्पः केशरी श्रीमरी हितः ॥६०॥

### Kāñcanāra

Kāñcanāra, kāñcanaka, pākārī and rakta puṣpaka—these are the synonyms of kāñcanāra. A variety of this plant is called kovidāra. Its synonyms are kuddāla, kuṇḍalī, kulī, āsphotā, udyalaka, svalpa, keśarī, śrīmarī and hita.

# निगु डी

35 निगु<sup>\*</sup>डी श्वेतकुसुमः सिंदुकः सिंदुवारकः ।

## Nirguṇḍī

Nirguṇḍī, śveta kusuma, sinduka and sindu vāraka—these are synonymous.

#### सेफालिका

36 भूतकेश्यपरो नीलसिंदुको नीलपुष्पकः

शेफालिका शीतभीरु धनको नीलमंजरी ॥ ६१॥

## Sephālikā

The blue variety of nirguṇḍī is called bhūta keśī, nīla sınduka, nīla puṣpaka, śephālikā, śīta bhīru, dhanaka and nīla mañjarī.

### मेषश्रंगी

मेषश्रृंगी मेषवंत्ली सर्पदंष्ट्राजश्रृंगिका । अन्या च दक्षिणावर्ति वृश्चिकाली विषाणिका ॥६२॥

### Meşa srngî

Meṣa śṛṅgī, meṣa vallī, sarpa damṣṭrā and aja śṛṅgikā—these are the synonyms of meṣa śṛṅgī. There is another variety of it whose synonyms are dakṣiṇāvarti, vṛścikālī and viṣāṇikā.

# **इवेतपूनर्नवा**

पुनर्नवा श्वेतमूला पृथ्वीको दीर्घपत्रकः । विशाखो दीर्घवर्षामुः पुनर्भूम्मं डलच्छदः ॥ ६३॥

## Sveta punarnavā

Punarnavā, sveta mūlā, pṛthvīka, dīrgha patraka, viśākha, dīrgha varṣābhū, punarbhū and maṇḍala chada—these are synonymous.

# रक्त पुनर्नवा

पुनर्नवाऽपरारक्ता रक्तपुष्पः कठील्लकः ।

### Rakta punarnavā

Synonyms of the red variety of punarnavā are rakta puṣpa and kaṭhīllaka.

# क्षुव्रवर्षाभुः

ऋरकः क्षुद्रवर्षाभूः वर्षकेतुः शिवाटिका ॥ ६४ ॥

Kşudra varşābhū

Kruraka, kşudra varşā bhū, varşa ketu and śivāṭikā—these are the synonyms of the small variety of punarnavā.

#### रास्ना

रास्ना रस्या युक्तरसा रसना गंधनाकुली । सुगन्धमूलातिरसा श्रीयसी सुवहा रसा ॥ ६५ ॥

#### Rāsnā

Rāsnā, rasyā, yukta rasā, rasanā, gandha nākulī, sugandha mūlā, atirasā, śreyasī, suvahā and rasā—these are synonymous.

#### प्रवगन्धा

ग्रश्वगन्धा नुरङ्गाह्वा गोकणिश्वावरोहकः । वराहकणीं वरदा बल्या वाजीकरी वृषा ॥ ६६ ॥

Aśva gandhā

Aśva gandhā, turangāhvā, gokarņā, aśvāvarohaka, varāha karņī, varadā, balyā, vājikarī and vṛṣā—these are synonymous.

### त्रसारगी

प्रसारणी राजबला चारुपणीं प्रतानिका । सरणी सारणी भद्रपणीं सूप्रसरा सरा ॥ ६७ ॥

## Prasāranī

Prasāraņī, rāja balā, cāru parņī, pratānikā; saraņī, sāraņī, bhadra parņī, suprasarā and sarā—these are synonymous.

### शतावरी

शतावरी भीरुपत्री द्वीपिकाघरकंटकी । अर नारायणी शतपदी शताह्वा वहुपुत्रिका ॥ ६८ ॥

### Śatāvarī

Šatāvarī, bhīru patrī, dvīpīkā, adhara kaņtakī, nārāyaņī, sata padī, satāhvā and vahu pūtrikā—these are synonymous.

## महाशतावरी

शतावर्थ्याश्चकठोन्या पीवरी दीवरी वरी । श्रभीरुर्वेहुपुत्रा च महापुरुषदितका । सहस्रवीर्थ्या केशी स्यातृतुगिनी सुक्ष्मपत्रिका ।।६१॥

#### Mahā śatāvarī

Pīvarī, dīvarī, varī, abhīru, valu putrā, mahā puruṣa dantikā, sahasra vīryā, keśī, tūṅginī and sūkṣma patrikā—these are the synonyms of mahā śatāvarī (bigger variety of śatāvarī).

#### बला

बला वाट्यालकः शीनपाकी पाद्योदनाह्वयः । भद्रौदनी सभंगा स्यात्समासा खरयष्टिका ॥ ७० ॥

#### Balā

Balā, vāṭyālaka, śīta pākī, pādyodana, bhadraudanī, sabhaṅgā, samāṁsā and khara yaṣṭikā—these are synonymous.

### महाबला

महाबला वीरपुष्पा सहदेवा वृहद्भला । वाट्यायनी देवसहा वाट्यास्यात्पीतपुष्पकः ॥ ७१॥

#### Mahā balā

Mahā balā, vīra puṣpā, sahadevā, bṛhadbalā, vāṭyāyanī, deva sahā, vaṭyā and pīta puṣpaka—these are synonymous.

### श्रतिबला

वित्रकातिबला भारद्वाजी स्याद्वक्षगंधिनी । गांगेरुकी नागबला विश्वदेवा गवेधुका ॥ ७२ ॥ 470 Materia Medica

#### Ati balā

Vālikā, ati balā, bhāradvājī, vṛkṣa gandhinī, gāṅgerukī, nāga balā, viśva devā and gavedhukā—these are synonymous.

#### तेजवती

तेजस्विनी तेजवती तेजन्यश्च कवल्कला । 38 महोजसी पारिजाता शीता तेजातितेजिनी ।। ७३।।

#### Tejavatī

Tejasvinī, tejavatī, tejanya, kavalkalā, mahaujasī, pārijātā, sītā, tejā and ati tejinī—these are synonymous.

#### **ज्योतिष्म**ति

ज्योतिष्मती विह्निरुचिः कंगुणी कटुभी तथा ।

### Jyotismati

Jyotişmati, vahni ruci, kangunī and katubhī—these are synonymous.

#### देवदारु

देवदारु सुराह्वा स्याद्भद्रदारुः सुरद्रुमः । भद्रकाष्ठं स्नेहवृक्षः किलिम शक्रदारु च ॥ ७४॥

### Deva dāru

Deva dāru, surāhvā, bhadra dāru, sura druma, bhadra kāṣṭha, sneha vṛkṣa, kilīma and śakra dāru—these are synonymous.

### सरल

अश्व सरलो नंदनश्चीत्रानमेरुदीपवृक्षकः ।
40
प्तिदारु: पूतिवृक्षो महादीर्घः कीलद्रुमः ॥ ७५ ॥

#### Sarala

Sarala, nandana, cītrā, nameru, dīpa vṛkṣaka, pūti dāru, pūti vṛkṣa, mahā dīrgha and kīla druma—these are synonymous.

## पुष्कर मूल

पौष्कराह्वं पद्मपत्रं पौष्करं पौष्करां ग्रिका ।

काश्मीरं पुष्करजटा मूलं वीरं सुगंधिकम् ॥ ७६॥

## Puşkara müla

Pauṣkarāhva, padma patra, pauṣkara, pauṣkarāṅghrikā, kāśmīra, puṣkara jaṭā, mūla, vīra and sugandhika—these are synonymous.

#### क्टर

कुष्ठं रोगाह्वयं वाप्यं कौवेरं पारिभद्रकम् । पारिहार्यः पारिभाव्यमुत्पल हरिभद्रकम् ॥ ७७ ॥

### Kustha

Kuṣṭha, rogāhvaya, vāpya, kauvera, pāribhadraka, pārihārya, pāribhāvya, utpala and hari bhadraka—these are synonymous.

# कर्कटशुंगी

श्रुंगी कुलिरशृंगी स्याद्वका कर्कटशृंगिका । 41 कर्किटाख्या महाघोरा शृंगीनाम्नी नतांग्यपि ॥७८॥

## Karkata srngī

Šṛṅgī. kulira śṛṅgī, vakrā, karkaṭa śṛṅgikā, karkaṭākhyā, mahā ghorā, śṛṅgīnamnī and natāṅgī—these are synonymous.

# रोहिषतृण

भूतं रोहिषकं भूतीर्भूतीकं सरलं तृणम् । क्लामकं युगलं पौरं व्यामकं देवगंधकम् ॥ ७६॥

## Rohișa trņa

Bhūta, rohiṣaka, bhūtī, bhūtīka, sarala, tṛṇa, śyāmaka, yugala, paura, vyāmaka and deva gandhaka—these are synonymous.

# कट्फल

42 कट्फलं कुमुदा कुंभी श्रीपर्णी सोमपादपः । 43 सोमवल्को महाकुंभी भद्रा भद्रवती शिवा ।। ५०॥

### Katphala

Katphala, kumudā, kumbhī, śrīparņī, soma pādapa, somavalka, mahā kumbhī, bhadrā, bhadravatī and śivā—these are synonymous.

#### भागों

भागी भृगुभवा वासा काशष्ट्री भागेपर्व्वणी ।
45
खरशाकं शुक्रमाता फंजी ब्राह्मणयष्टिका ॥ ५१॥

#### Bhārgī

Bhārgī, bhṛgu bhavā, vāsā, kāśaghnī, bhārga parvaṇī, khara śaka, śukra mātā, phañjī and brāhmaṇa yaṣṭikā—these are synonymous.

#### पाषाणभेद

पाषाणभेदः पाषाणोऽष्रमरीभेदोश्मभेदकः । शिलाभेदो दृषद्भेदो नगभिन्नगभेदनः ॥ ६२॥

### Pāsāna bheda

Pāṣāṇa bheda, paṣāṇa, aśmarī bheda, aśma bhedaka, śilā bheda, dṛṣad bheda, naga bhid and naga bhedana— these are synonymous.

## मुस्ता

मुस्तं वारिधरो मुस्ता मेघाख्यः कुरुविंदकः ।

46
वराहोऽव्यो घनो भद्रमुस्तं राजकसेरुकः ।

पण्डमस्तं विपथ्वंसी नागरोन्य प्रकीत्तिः ।। ८३ ।।

### Mustā

Musta, vāri dhara, mustā, meghākliya, kuru vindaka, varālia, avya, ghana, bhadra musta, rāja kaseruka, piņḍa musta, viṣa dhvaṁsī.—these are the synonyms of mustā. Another variety of it is called nāgara.

### घातकी

धातकी कुंजरी सिन्धुपुष्पा प्रमोदिनी मता ।

# पार्वतीया ताम्रपुष्पी सुराख्या मद्यवासिनी ॥ ५४ ॥

#### Dhātakī

Dhātakī, kuñjarī, sindhu puṣpā, pramodinī, pārvatīyā, tāmra puṣpī, surākhyā and madya vāsinī—these are synonymous.

#### विदारीकंद

विदारिका वृक्षवल्ली वृक्षकं दाविडालिका ।

प्रशंगालिका कंदवल्ली स्वादुकं पापनाशकः ॥ ८५ ॥

प्रम्या शुक्ला क्षीरशुक्ला क्षीरवल्ली पयस्विनी ।

इक्षुवल्ली महाश्वेता क्षीरगंधेक्षुगिधका ॥ ८६॥

#### Vidārī kanda

Vidārikā, vṛkṣa vallī, vṛkṣaka, dāvīḍālikā, śṛgālikā, kaṅda vallī, svāduka, pāpa nāśaka—these are the synonyms of vidārikanda. It has another variety whose synonyms are śuklā, kṣīra śuklā, kṣīra vallī, payasvinī, ikṣu vallī, mahā śvetā, kṣīra gandhā and ikṣu gandhikā.

### मायिका

48 49 50 51 मायिका वालिका दष्टा शचीदंत सठंविका । भ्रंबष्टकी सूचिमुखी कषाया शाकटमुखम् ।। ८७ ।।

### Māyikā

Māyikā, vālikā, duṣṭā, śacī danta, saṭhamvikā, amvaṣṭhakī, sūcī mukhī, kasāyā and śākaṭa mukha—these are synonymous.

# वाराही कद

वाराती माधवी गृष्टिः शौकरी वनमालिका । तस्याः कदः कटिक्रोडनाम सवरनामकः ॥ ८ ॥

### Vārāhī kanda

Vārāhī, mādhavī, gṛṣṭi, śaukarī and vana mālikā—these are the synonyms of the plant vārāhī kanda.

Its root (tuber) is called kaţi kroda and samvara.

#### पाठा

पाठांवष्ठा वृहत्तिक्ता प्राचीनांवष्ठकी रसा । वरतिक्ता पापचेली श्रोयसी विद्धकणिका ॥ ८६॥

#### Pāţhā

Pāṭhā, amvaṣṭhā, vṛhattiktā, prācīnāmbaṣṭhakī, rasā, vara tiktā, pāpa celī, śreyasī and viddha karnikā—these are synonymous.

# मुर्वा

मूर्व्वा देवी मधुरसा देवश्रेणी मधुस्रवा। स्निग्धपर्णी पृथक्पणीं मोरटा पीलपणिका ।। ६० ।।

#### Műrvā

Mūrvā, devī, madhu rasā, deva śreņī, madhu sravā, snigdha parņī, pṛthak parņī, moraṭā and pīlu parṇikā—these are synonymous.

### मंजिष्ठा

मंजिष्ठा विजयरक्ता रक्तांगी कालमेषिका । रक्तयिष्टस्ताम्प्रवल्ली समंगा वस्त्रभूषणा । मंजुला विकसा भंडी छिद्मिका ज्वरनाशिनी ।। ६१ ।।

## Mañjişţhā

Mañjiṣṭhā, vijaya raktā, raktāngī, kāla meṣikā, rakta yaṣṭi, tāmra vallī, samangā, vastra bhūṣaṇā, mañjulā, vikasā, bhaṇḍī, chadmikā and jvara nāśinī—these are synonymous.

# हरिद्रा

52 53 हरिद्रा रंजनी गौरी रजनी वरवर्णिनी । पिंडी पीता वर्णवती निशा वर्णविनाशिनी ।। ६२ ॥

#### Haridrā

Haridrā, ranjanī, gaurī, rajanī, vara varņinī, piņdī, pītā, varņa vatī, nisā and varņa vināsinī— these are synonymous.

# वारुहरिद्रा

दार्वी दारुहरिद्रान्या पीतदारु पचंपचा । कटंकटेरी पीतद्र: स्वर्णवर्णा कटंकिटः ॥ ६३॥

#### Dāruharidrā

Another variety of haridrā is called dāru haridrā and its synonyms are dārvī, pīta dāru, pacampacā, kaṭankaṭerī, pītadru, svarņa varņā and kaṭankaṭi.

#### चक्रमर्व

प्रपुन्नाटस्त्वेडगजश्चक्रमर्दः प्रपुन्नटः । दद्र ह्नो मर्दको मेषक्स्मः कृष्ठक्वंतनः ॥ ६४॥

### Cakra marda

Prapunnāda, edagaja, cakra marda, prapunnata, dadrughna, mardaka, meṣa kusuma and kuṣṭha kṛntana—these are synonymous.

# वाक्ची

वाकुची चंद्रिका सोमवल्ली पूर्तीफलांबरा । सोमराजी कृष्णफलावल्गुजः कालमेषिका ।। ६५ ।।

### $V\bar{a}kuc\bar{\imath}$

 $V\bar{a}kuc\bar{i}$ , candrikā, soma vallī, pūtī phalā, ambarā, somarājī,  $k_{\bar{l}}$ ṣṇa phalā, avalguja and kāla meṣikā—these are synonymous.

# भुंगराज

भृंगराजो भेकराजो मानकंवः केशरंजनः । 54 भृंगराजो भृंगाह्नः सूर्यंवल्लभः ॥ ६६॥

Bhrnga rāja

Bhṛṅga rāja, bheka rāja, mārkava, keśa reñjana, aṅgāraka, bhṛṇgāhva and sūrya vallabha—these are synonymous.

#### पर्पट

पप्पेटः कवचो रेणुः पित्रहा यवकंटकः । . 56 वरतिक्तः पर्प्पेटकः स्पृष्टीकश्चर्म्मकंटकः ॥ ६७ ॥

Parpata

Parpaţa, kavaca, renu, pitrahā, yava kanţaka, vara tikta, parpaţaka, spṛṣṭīka and carma kanṭaka—these are synonymous.

# शरापुष्पी

57 शणपुष्पी माल्यपुष्पी धावनी सणघंटिका । वृहत्पुष्पी स्वल्पघंटा घंटाशब्दोरुपुष्पिका ॥ ६८ ॥

Śana puspī

Ṣaṇa puṣpī, mālya puṣpī, dhāvanī, saṇa ghaṇṭikā, vṛhat puṣpī, svalpa ghaṇṭā, ghanṭā śabda and uru puṣpikā—these are synonymous.

### त्रायमारगा

त्रायमाणा सुहृत्त्राणा त्रायती गिरीशानुजा । वलभद्रा कृतत्राणा वार्षिकं त्रायमानकम् ॥ ६६ ॥

Trāya māṇā

Trāya māṇā, suhṛt trāṇā, trāyantī, girī śānujā, bala bhadrā, kṛta trāṇā, vārṣika and trāya mānaka—these are synonymous.

# महाजालिनी

महाजालिनीका चर्मारंगा स्यात्पीतकलिका । 58 आवर्त्तकी तिंदुकिनी विभांड रिक्तपुष्पिका ॥ १००॥

### Mahā jālinī

Mahā jālinīkā, carma rangā, pīta kalikā, avarttakī, tindu-

kinī, vibhāṇḍa and rikta puṣpikā—these are synonymous.

#### ग्रतिविषा

अतिविषा शुक्लकंदा. विषा प्रतिविषाऽपरा । स्यामकदा सितार्श्वंगी भंगुरोपविषाणिका ।। १०१॥

### Ati vișā

Ati viṣā, śukla kandā, viṣā and prati viṣā—these are synonyms of ativiṣā.

There is another variety of it whose synonyms are śyāma kandā, sitā śṛṅgī, bhaṅgurā and upa viṣānikā.

#### काकमाची

काकमाची ध्वाक्षमाची कामबीज धनेफला । रसायनवरा सर्व्वतिक्ता स्यात्काकिनी कटः ।।१०२॥

#### Kākamācī

Kākamācī, dhvānkṣa mācī, kāma bīja, ghane phalā, rasāyana varā, sarva tiktā, kākinī and kaṭu—these are synonymous.

#### काकजघा

काकजंघा नदीकांता काकतिक्ता सुलोमशा । 59 60 पारावतपदी काका मदध्माकर्मणी तथा ।। १०३।।

### Kāka janghā

Kāka janghā, nadī kāntā, kākatiktā, sulomašā, pārāvata padī, kākā and madadhmā-karmanī—these are synonymous.

### लोध

लोध्रस्तिरीटः कामीनस्तित्वकः संतरोद्भवः । ग्रन्थो घनस्त्वक्सारक्वेतरोलोधाक्षिभेषजम् ॥ १०४॥

#### Lodhra

Lodhra, tirita, kānīna, tilvaka and santarodbhava—these are the synonyms of lodhra.

It has another variety whose synonyms are ghana tvaksāra and akṣi bheṣaja.

#### वृद्धवार

वृद्धदारुम्मंहाश्यामा जांगलो जीर्णवालुकः । 62 अंतःकोटरपृष्पी स्यादावेगी छागलो ग्रपि ॥ १०५ ॥

#### Vrddha dāru

Vrddha dāru, mahū syāmā, jāngala, jīrņa vāluka, antaņ koţara puṣpī, āvegī and chāgala—these are synonymous.

#### **देवदा**ली

देवदाली वृंतकोशो देवतांगो गरागरी ।

64
जीमृतो तारकी वेणी जालिन्याखुविषापहः ॥१०६॥

#### Devadālī

Deva dālī, vṛnta kośa, devatānga, garāgarī, jīmūta, tārakī, venī, jālinī and ākhu viṣāpaha—these are synonymous.

# हंसपदी

हंसपादी हंसपदी रक्तपादी त्रिपादिका । 65 प्रह्लादिनी कीटमारी कीटनामा मधुस्रवा ॥ १०७ ॥

## Hamsa padī

Hamsa pādī, hamsa padī, rakta pādī, tri pādikā, prahlādiņī, kīţa mārī, kīţa nāmā and madhu sravā—these are synonymous.

### सोमवल्ली

को सोमवल्ली यज्ञनेता सोमक्षीरी द्विजित्रया ।

#### Somavallī

Soma vallī, yajāa netā, soma kṣīrī and dvija priyā—these

are synonymous.

### नाकुली

67 नाकुली सुवहा सर्प्यंगिंघनी गंधनाकुली । नकुलेष्टा मता सर्प्यनेत्रा चीरितपत्रिका ॥ १०८॥

#### Nākulī

Nākulī, suvahā, sarpa gandhinī, gandha nākulī, nakuleṣṭā, sarpa netrā and cīrita patrikā—these are synonymous.

#### वटपत्री

68 वटपत्री मोहनी स्यात् दीपनी रैवती मता ।

### Vața patrī

Vaţa patrī, mohanī, dīpanī and raivatī—these are synonymous.

## लज्जालु

लज्जालुम्मोहिनी स्पृक्का खदिरा गंधकारिणी । नमस्कारी शमीपत्रा समगा रक्तपादिका ।। १०६ ॥

### Lajjālu

Lajjālu, mohinī, spṛkkā, khadırā, gandha kāriṇī, namaskarī, samīpatrā, samangā and rakta pādikā—these are synonymous.

#### मशली

मुशली खिलनी तालपत्रीका चनपुष्पिका । 70 महावृषा वृष्यकंदा खर्जूरी तालमूलिका ।। ११० ।।

### Muśalī

Muśalī, khalinī, tāla patrikā, cana puṣpikā, mahā vṛṣā, vṛṣya kandā, kharjūrī and tāla mūlikā—these are synonymous.

# कपिकच्छू

कपिकच्छू: स्वयंगप्ता कदला दुरवग्रहा ।

72 73 चंडात्मगुप्ता लांगुली मक्कंटी स्याच्च हर्षणी ।

Kapi kacchű

Kapī kacchū, svayam guptā, kandalā, duravagrahā, caṇḍā, ātma guptā, lāṅgūlī, markaṭī and harṣaṇī—these are synonymous.

# पुत्रंजीव

पुत्रंजीवो गर्भकरो यष्टिपुष्पोर्थसाघनः ॥ १११ ॥

Putrañjīva

Putrañjīva, garbha kara, yaṣṭi puṣpa and artha sādhana—these are synonymous.

### **बंध्याक**कोंटी

वध्याकवर्कीटकी देवी कुमारी विषनाशिनी । मनोज्ञा नागदमनी वंध्यायोगेश्वरी मता ॥ ११२ ॥

Vandhyā Karkoţī

Vandhyā karkoṭakī, devī, kumārī, viṣa nāśinī, manojñā, nāga damanī and vandyā yogeśvarī—these are synonymous.

# विष्णकांता

74 विष्णुकांता नीलपुष्पी जया वश्यापराजिता ।

Vișnu krântâ

Viṣṇu krāntā, nīla puṣpī, jayā, vaśyā and aparājitā—these are synonymous.

# शंखपुष्पी

शंखपुष्पी शंखनाम्नी किरीटी कंबुमालिनी । कंबुपुष्पी स्मृतिहिता मेच्या वनविलासिनी ।।११३।।

Samkha puşpī

Samkha puşpî, samkha nāmnī, kirīţī, kambu mālinī, kambu

puṣpī, smṛti hitā, medhyā and vana vilāsinī—these are synonymous.

# दुरिघ

दूग्धिका मधुपर्णी स्यात्क्षीरिस्मी स्वादुपुष्पिका ॥१२२॥

### Dugdhi

Dugdhikā, madhu parņī, kṣīrīņī and svādu puṣpikā—these are synonymous.

# श्चर्कपुष्पी

श्रकंपुष्पी ऋरकम्मा जलकामा भिरिडिका ।

#### Arka pușpī

Arka puşpī, krūra karmā, jala kāmā and bhirindikā—these are synonymous.

#### भल्लातक

भल्लातकोऽनलो भल्ली वीरवृक्षोग्निवक्त्रकः । ग्रह्मकरस्तथारुष्कः तपनोऽग्निमुखी धनुः ॥ १२३॥

#### Bhallātaka

Bhallātaka, anala, bhallī, vīra vṛkṣa, agni vaktraka, aruskara, āruṣka, tapana, agni mukhi and dhanu—these are synonymous.

## 'चेरपोटी

76 77 चेरपोटी दीर्घपत्री कुतली तिक्तका मता ॥ १२४॥

## Cerapoţī

Cerapoțī, dīrgha patrī, kuntalī and tiktakā—these are synonymous.

# द्रोरापुष्पी

द्रोणपुष्पी श्वसनकः पालिदी कुभयोनिका । छत्रातिछत्रिका द्रोणा कौडिन्यो वृक्षसारकः ॥१२५॥ Drona puspī

Droņa puṣpī, śvasanaka, pālindī, kumbha yonikā, chatrā, atichatrikā, droṇā, kaunḍinya and vṛkṣa sāraka—these are synonymous.

# ब्राह्मी

ब्राह्मी सरस्वती सोमा सत्याह्ना ब्रह्मचारिणी।
78
मण्डूकपर्गी मांडूकी त्वष्टी दिव्या महौषधी।
कपोतवंका मुनिका लावण्या सोमवल्लरी।। १२६।।

#### Brāhmī

Brāhmī, sarasvatī, somā, satyāhvā, brahma cārinī, maṇḍūka parņī, māṇḍūkī, tvaṣṭī, divyā, mahauṣadhī, kapota vaṅkā, munikā, lāvaṇyā and soma vallarī—these are synonymous.

# सुवर्चला

सुवर्च्चलाक्कंकांता स्यात् सूर्य्यभक्ता सुखोद्भवा । सूर्यावर्क्ता रविप्रीया त्वन्या ब्रह्मसुवर्च्चला ।।१२७।।

#### Suvarcală

Suvarcalā, arka kāntā, sūrya bhaktā, skuliodbhavā, sūryā-vartā and rati piiyā—these are the synonyms of suvarcalā Another variety of this plant is called brahina suvarcalā.

### मत्स्याक्षी

गरस्याक्षी विह्निका मत्स्यगिधर्मत्स्यादनी तथा ।
तोयपिष्पत्यबुवल्ली पत्तूरं कचटं तथा ।
80
गोजिह्ना गोजिका गोभी दीिधका खरपणिनी ।।१२८।।

### Matsyāksī

Matsyākṣī, vahlikā, matsya gandhi, matsyādanī, toya pippalī, ambu vallī, pattūra, kacaṭa, gojihvā, gojikā, gobhi, dīrghikā and khara parṇinī—these are synonymous.

#### नागदमनी

नागाह्वा दमनी नागगंघा भुजगपणिनी ॥१२६॥

### Nāga damanī

Nāgāhvā, damanī, nāga gandhā and bhujaga parņinī—these are synonymous.

## गुंजा

श्वा शिखंडिका ताम्रा रक्तिका काकणतिका ।
 श्वेतान्या चक्रिका चूडा दुम्मीषा काकपीलुका ॥१३०॥

### Guñjā

Guñjā, śikhandıkā, tāmrā, raktikā and kākanantikā—these are the synonyms of red variety of guñjā. Synonyms of the white variety of guñjā are cakrikā, cūdā, durmāṣā and kāka pīlukā.

#### वेल्लंतर

82 83 वेल्लंतरो दीर्घपत्रो वीरद्रुर्वहुपत्रकः ॥ १३१॥

#### Vellantara

Vellantara, dīrgha patra, vīradru and vahu patraka—these are synonymous.

#### वंदाक

वदाक स्याद्वृक्षरुहा शेखरी कामवृक्षकः । 84 वक्षादनी कामतरुः कामिन्यापदरोहिणी ॥ १३२॥

## Vandāka

Vandāka, vṛkṣa ruhā, śekharī, kāma vṛkṣaka, vṛkṣādanī kāma taru, kāminī and āpada rohinī—these are synonymous.

# पिडालू

85 86 पिंडारः करहाटः स्यात् तीक्ष्णकीलः कुरंगकः । Materia Medica

#### Piṇḍālū

484

Piņḍāra, karahāṭa, tīksna kīla and kurangaka—these are synonymous.

#### छिविकरगी

छिविकका क्षवकः कूरो नासासंवेदनः पटुः ॥ १३३ ॥

### Chikkinī

Chikkikā, ksavaka, krūra, nāsā samvedana and paṭu—these are synonymous.

# रोहितक

रोहितो दाडिमीपुष्पो रुहितो कुटशाल्मिलः ।
प्लीहारी रोहिणो रोही रक्तध्नः पारिजातकः ॥१३४॥

#### Rohitaka

Rohita, dādimī puspa, ruhita, kuţa śālinali, plīhārī, rohina, rohī, raktaghna and pārijātaka—these are synonymous.

### मोचरस

88 मोचकः स्यान्मोचरसः शाल्मलीवेष्टकः स्मृतः ।

मोचिनिर्यासकः पिच्छा मोचास्रावी च पिच्छकः ॥१३४॥

### Moca rasa

Mocaka, moca rasa, śālmalī veṣṭaka, moca niryāsaka, picchā, mocāsrāvī and picchaka—these are synonymous.

### ग्रजगधी

श्रजगधी वत्सगधा कवरी पृतिवर्व्वर: ।

## Aja gandhī

Aja gandhī, vatsa gandhā, kavarī and pūti varvara—these are synonymous.

### सैरेयक

सैरेयकः सहचर सैरेयः किकिरातक. ॥१३६॥

दासी सहचरो पिडी सैर्यंको मृदुकटकः।
रक्तपुष्प. कुरवक. पीतो ज्ञेयः कुरंटकः।
नीलार्त्तगलकः प्रोक्तो वाण्डदानवाक्यपि ॥ १३७॥

### Saireyaka

Saireyaka, sahacara, saireya, kımkirātaka, dāsī, pindī, sairyaka and mṛdu kanṭaka—these are the synonyms of saireyaka. This plant with red flowers is called kuravaka, with yollow flowers is called kuranṭaka and with blue flowers is called ārta galaka as well as vāṇa undāna vāki.

## गिरिकां एका

श्व श्वेतस्यदा श्वेतपुष्पा कटभी गिरिकणिका ।
सितापराजिता श्वेता विषय्नी मोहनाशिनी ।
नीलस्यदाव्यक्तगथा नीलपुष्पा गवादिनी ॥ १३ ॥

### Giri karnikā

Śveta syandā, śveta puṣpā, kaṭabhī, giri karṇikā, sitā aparājitā, śvetā, viṣaghnī and moha nāśinī—these are the synonyms of the white variety of giri karṇikā. Its blue variety is called nīla syandā, avyakta gandhā, nīla puṣpā and gavādinī.

### कोकिलाक्ष

इक्षुरः क्षुरको ध्वंडः कोकिलाक्षः क्षुरः स्मृतः।
90
तैलकटोऽतिक्षुरक्ष. वालिका च सुगंधिका ।। १३६ ॥

### Kokilāksa

Iksura, kṣuraka, dhvaṇḍa, kokılākṣa, kṣura, taila kaṇṭa, ati ksurakṣa, vālikā and sugandhikā—these are synonymous.

## कार्प्यास

कार्प्पास. पटदस्तूल छादनो वादर पिचुः ।

### Kārpāsa

Kārpāsa, paṭada, tūla, chādana, vādara and picu—these are synonymous.

#### ग्राराम शीतला

#### Ārāma ģītalā

Ārāma śītalā, deva gandhā and kukkuṭa mardaka—these are synonymous.

## ताम्रचूडः

#### Tāmra cūda

Kukkura dru, tāmra cūda, sūksma patra, and mṛdu chada—these are synonymous.

#### वामी

#### Vāmī

Vāmī, śamkha dharā, vāri, brāhmī and hima mocikā—these are synonymous.

### वलामोटा

### Valā moţā

Valā moṭā, jayā, sūkṣma patrā and aparājitā—these are synonymous.

# शरपुंखा

शरपुंखा कालशाकं प्लीहारि कालिका मता ॥१४२॥

## Śara punkhā

Śara pumkhā, kāla śāka, plīhāri and kālikā—these are synonymous.

# मयुर शिखा

मयूराह्वशिखा ज्ञेया साहस्रमधुकछदा ।

## Mayūra śikhā

Mayūrāhva śikhā and sāhasra madhuka chadā—these are synonymous.

#### लक्ष्मणा

नक्ष्मणा पुत्रदा रक्ता विदुपत्रा च नागिनी ॥ १४३ ॥

### Lakşmanā

Lakṣmaṇā, putradā, raktā, vindu patrā and nāginī—these are synonymous.

# मांसरोहिशी

भासरोहिण्यतिरुहा वृन्ता चम्मंकशा कशा

## Māmsa 10hinī

 $M\bar{a}msa\ rohin\bar{i},\ atiruh\bar{a},\ vrnt\bar{a},\ carma\ kasa$  and kasa—these are synonymous.

# श्रस्थिसहार

ग्रस्थिसहारको वज्जवल्लरी कोष्ट्घटिका ॥ १४४ ॥

## Asthi samhāra

Asthi samhāraka, vajra vallarī and krosţu ghanţikā—these are synonymous.

# अक्क

श्रवकः सूर्याह्वयः क्षीरी सदापुष्पा विकीरणः । 100 मंदारो वसुकोन्याक्को राजाहीं दीर्घपुष्पकः ॥ १४५ ॥

### Arka

Arka, sūryāhvaya, kṣīrī, sadā puspā, vikīrana, mandāra and vasuka—these are the synonyms of arka. It has another variety which is called rājārha and dīrgha puṣpaka.

## करवीर

करवीरोऽरुवहा श्वेतपुष्पा स्यात् शतकुंभकः । रक्तपुष्पोऽपरश्चंडो लगुडः करवीरकः ॥ १४६॥

#### Karavīra

Karavīra, asvahā, sveta puṣpā and sata kumbhaka—these are the synonyms of karavīra having white flower. The other variety having red flower has synonyms like caṇḍa, laguḍa and karavīraka.

### धस्तूर

धत्त्ररः कितवो धूर्त्तो देवता मदनः शठः । उन्मत्तो मातुलस्त्री तरलः कनकाह्वयः ॥ १४७ ॥

### Dhattūra

Dhattūra, kitava, dhūrta, devatā, madana, śaṭha, unmotta, mātula, turī, tarala and kanaka—these are synonymous.

# कलिहारी

किलहारी विह्नमुखी लागली गर्भपातनी । 103 विश्वल्या हिलिनी सीरीक्रमा वा शुक्रपुष्पिका ।।१४८॥

## Kalihārī

Kalihārī, vahni mukhī, lāngalī, garbha pātanī, viśalyā, halinī, sīrīkramā and śukra puṣpikā—these are synonymous.

# कुमारी

कुमारी मंडला माता गृहकन्या सिपच्छला ॥ १४६ ॥

### Kumārī

Kumārī, maṇḍalā, mātā, gṛha kanyā and sapicchalā—these are synonymous.

## भंगा

भंगा गंजा मातुलानी मोहिनी विजया जया।

## Bhangā

Bhangā, gañjā, mātulānī, mohinī, vijayā and jayā—these are synonymous.

### कांचनी

104 कांचनी शोणफलिनी काकायुः काकवल्लरी ॥ १५० ॥

### Kāñcanī

Kāñcanī, śoṇa phalinī, kākāyu, and kāka vallarī—these are synonymous.

# दूर्वा

105
दूर्वा शिष्टा शीतकरी गोलोमी शतपिवका ।
ग्रन्या स्वेता स्वेतदडा भागवी दुम्मना रुहा । १५१ ॥

#### Dūrvā

Dūrvā, śiṣtā, śīṭa karī, golomī and śata parvikā—these are the synonyms of one variety of dūrvā. Synonyms of the other variety are śveta, śveta daṇḍā, bhārgavī, durmanā and ruhā.

# गंडदूव्वी

गडद्व्वा मत्स्यगंधा मत्स्याक्षी शक्लादनी।

# Gaṇḍa dūrvā

Ganda dūrvā, matsya gandhā, matsyākṣī and śakulādanī—these are synonymous.

#### कास

कासः सुकांडः कासेक्षुरिषकः श्वेतचामरः ॥ १५२ ॥

## Kāsa

Kāsa, sukānda, kāsekṣu, isaka and śveta cāmara—these are synonymous.

## वर्भ

दर्भो बहिः कुञस्तीक्षणः सूच्यग्रो यज्ञभूषणः ।

### Darbha

Darbha, barhi, kuśa, tīkṣna, sūcyagra and yajña bhūṣaṇa—these are synonymous.

# मुं ज

### Muñja

Muñja, kṣura, sthūla garbha, vānāhva, and brahma mekhala—these are synonymous.

#### नल

#### Nala

Nala, randhrī, puṣpa mṛtyu, dhamana, narttaka and naṭa—these are synonymous.

### वश

### Varnsa

Vamsa, veņu, kīcaka, karmāra and tvacī sāraka—these are synonymous.

# खुरासानी यवानी

## Khurāsāni yavānı

Yavānī, yāvanī, tīvra, turuṣkā and mada kāriṭu—these are synonymous.

### लसलस

## Khasa Khasa

Tila bheda, khasa tila, sukra puspa and lutatphula—these are the synonyms of khasa khasa.

श्राफ़्र

आफुकं तद्रसोद्भूत ग्रहिफेनमफेनकं ।

 $\bar{A}ph\bar{u}$ 

Āphūka, ahiphena and aphenaka—these are the synonyms of the drug prepared out of the juice of khasa khasa.

#### पातालगरुड

ा 117 118 119 चिलहटो महामूल पातालगरुडाह्वयः ॥ १५६॥

Pātāla garuda

Cilahața, mahā mūla and pātāla garuḍa—these are synonymous.

### NOTES AND REFERENCES

This is the 90th chapter of Ayurveda Śaukhyam in Todarānanda and the opening invocation reads as below:

यस्यानुरागातिशयेन पूर्णा गोपागना उद्धवमूचुरु.कौ।

प्राणप्रियैष्टोडरमल्लसज्ञं सर्वार्थपूर्णं कुरुतात् सभूपम् ॥

- 1. 'तस्मात् द्रव्यस्य' इति षष्ठपुस्तके पाठः ।
- 2. 'प्रमथ्या' इति षष्ठपुस्तके पाठ. ।
- 'प्राणदास्मृता' इति षष्ठपुस्तके पाठ.
- 4. 'धात्रि' इति षष्ठपुस्तके पाठः।
- 5. 'स्याच्चटा' इति षष्ठपुस्तके पाठः ।
- 6. 'श्योनाकः' इति षष्ठपुस्तके पाठः ।
- 7. 'शल्यकारल्' इति षष्ठपुस्तके पाठः ।
- 8. 'दूबिका' इति षष्ठपुस्तके पाठः।
- 9. 'पुग' इति षष्ठपूस्तके पाठः ।
- 10. 'सोली' इति पचमषष्ठपुस्तकयोः पाठः ।

- 11. 'देवतामणी' इति प्रथमपुस्तके पाठा ।
- 12 'स्वादु दुर्मुखी च' इति षष्ठपुस्तके पाठ.।
- 13. 'वनसा' इति षष्ठपुस्तके पाठः ।
- 14. 'उरवुवातवैरीति चंचलः' इति पञ्चमपूस्तके पाठः ।
- 15 'विवंबुल' इति षष्ठपुस्तके पाठः ।
- 16. 'चूतफलो' इति षष्ठपुस्तके पाठः।
- 17. 'लम्बा' इति पञ्चमपुस्तके पाठः ।
- 18.. 'विशर' इति षष्ठपुस्तके पाठ ।
- 19. 'रेचि' इति षष्ठपुस्तके पाठ'।
- 20. 'सृत' इति प्रथमपुस्तके पाठः ।
- 21. 'अस्त्रा' इति प्रथमपुस्तके पाठः ।
- 22. 'त्रिपुरा' इति षष्ठपुस्तके पाठः ।
- 23. 'वृषभाख्या' इति षष्ठपुस्तके पाठः ।
- 24. 'गवादिनी' इति षष्ठपुस्तके पाठः ।
- 25. 'विषादनी' इति प्रथमपुस्तके पाठ ।
- 26. 'कर्णी' इति प्रथमपुस्तके पाठ ।
- 27. 'पचुमन्दः' दति पञ्चमषष्ठपुस्तकयोः पाठः ।
- 28. 'निवकरः' इति षष्ठपुस्तके पाठः ।
- 29. 'समसेनक.' इति प्रथमपुस्तके पाठ.।
- 30. 'पूलक' इति पञ्चमषष्ठपुस्तकयोः पाठ: ।
- 31. 'हास' इति पञ्चमपष्ठपुस्तकयोः पाठ ।
- 32. 'सीरी' इति प्रथमपुस्तके पाठ.।
- 33. 'नाडिका' इति पञ्चमपुस्तके पाठः । 'नोलिका' इति षष्ठपुस्तके पाठः ।
- 34. 'केसरीश्रीमरी' इति प्रथमपुस्तके पाठः।
- 35. 'सिंधुवारकः' इति पञ्चमपुस्तके पाठः ।
- 36. 'सिंधुको' इति पञ्चमपुस्तके पाठ. ।
- 37. 'शतपाद्' इति प्रथमपुस्तके पाठ. ।
- 38. 'तिक्तातितेजिनी' इति प्रथमपुस्तके पाठः ।
- 39. 'नंदनष्चीढानमेरुर्दीपवृक्षकः' इति पञ्चमपुस्तके पाठः । 'नंदनश्चीडानमेरुर्दीपवृक्षकः' इति प्रथमपुस्तके पाठः ।

- 40. 'महावृक्षः' इति षष्ठपुस्तके पाठः।
- 41. 'महाघोषा' इति घष्ठपुस्तके पाठः।
- 42. 'कुभिका' इति षष्ठपुस्तके पाठः ।
- 43. 'महा' इति षष्ठपुस्तके पाठः ।
- 44. 'भृगुद्भवा' इति षष्ठपुस्तके पाठः।
- 45. 'शुष्क' इति षष्ठपुस्तके पाठः ।
- 46. 'कशेरकः' इति पञ्चमपूस्तके पाठः ।
- 47. 'दाविदालिका' इति षष्ठपुस्तके पाठः।
- 48. 'माचिका' इति पञ्चमपुस्तके पाठः । 'माविका' इति प्रथमपुस्तके पाठः ।
- 49. 'चालिका' इति षष्ठपुस्तके पाठः।
- 50. 'वष्टा' इति प्रथमपुस्तके पाठः ।
- 51. 'शटीदत' इति षष्ठपुस्तके पाठः ।
- 52. 'रंजिनी' इति षष्ठपुस्तके पाठः।
- 53. 'गौरि' इति षष्ठपुस्तके पाठः ।
- 54. 'म्रं कारको' इति षष्ठपुस्तके पाठः ।
- 55. 'वयकंटकः' इति षष्ठपुस्तके पाठः।
- 56. 'स्पष्टी' इति षष्ठपुस्तके पाठः।
- 57. 'सनपुष्पी' इति षष्ठपुस्तके पाठः।
- 58. 'आवर्त्तिका' इति षष्ठपुस्तके पाठः ।
- 59. 'मदध्या' इति पष्ठपुस्तके पाठ: ।
- 60. 'कम्मीणी' इति षष्ठपुस्तके पाठः ।
- 61. 'सतसोद्भवः' इति पञ्चमपुस्तके पाठ ।
- 62 'छागला' इति प्रथमपुस्तके पाठः ।
- 63. 'स्वरागरी' इति घष्ठपुस्तके पाठः ।
- 64. 'जालिन्यास्त्विषापह' इति प्रथमपुस्तके पाठः ।
- 65. 'कोटमादी' इति प्रथमपुस्तके पाठ.।
- 66. 'सोमर्झारि' इति पष्ठपुस्तके पाठः
- 67. 'वा दुली' इति प्रथमपुस्तके पाठः ।
- 68. 'मोहि' इति षष्ठपुस्तके पाठः ।
- 69 'खदिरी' इति षष्ठपुस्तके पाठ.।
- 70. 'वृषकदा' इति षष्ठपुम्तके पाठः ।

- 71. 'कंदली' इति षष्ठपुस्तके पाठः।
- 72. 'लागुली' इति षष्ठपुस्तके पाठः ।
- 73. 'स्याच्चहर्षभी' इति प्रथमपुस्तके पाठ.।
- 74. 'नया' इति षष्ठपुस्तके पाठः ।
- 75. 'विरवृक्षोग्निवकत्रकः' इति षष्ठपुस्तके पाठः ।
- 76. 'चिरपोटी' इति पंचमपुस्तके पाठः । चिरपोटी' इति षष्ठपुस्तके पाठः ।
- 77. 'कु तला' इति षष्ठपुस्तके पाठः।
- 78. 'लष्टी' इति षष्ठपुस्तके पाठः ।
- 79. 'मत्स्यगंधिर्मत्स्यादिनी' इति षष्ठपुस्तके पाठः ।
- 80. 'खरपणिका' इति षष्ठपुस्तके पाठः ।
- 81. 'शिखिडिनी' इति षप्ठपुस्तके पाठः ।
- 82. 'दीर्घपत्री' इति षष्ठपुस्तके पाठः।
- 83. 'वीरद्रुर्वहुपुत्रकाः इति षष्ठपुस्तके पाठः।
- 85. 'पिंडाक.' इति षष्ठपुस्तके पाठः ।
- 86. 'कुलंगकः इति षष्ठपुस्तके पाठः।
- 87. 'कुटशाल्मली' इति पञ्चमपुस्तके पाठः।
- 88. 'शाल्मलीचेष्टकः' इति प्रथमपुस्तके पाठ ।
- 89. 'कटसी' इति प्रथमपुस्तके पाठः । 'कटली' इति षप्ठपुस्तके पाठ ।
- 90. 'तैलकंटोतिक्षुरिक्ष.' इति पष्ठपुस्तके पाठः।
- 91. 'वोदनः' इति षष्ठपुस्तके पाठ.।
- 92. 'कुक्कुरमर्द् क' इति षष्ठपुस्तके पाठः ।
- 93. 'कुवकुटद्रुस्ताम्चचूडः' इति षष्ठपुस्तके पाठ ।
- 94. 'वासी' इति षष्ठपुस्तके पाठः।
- 95. 'पुत्रा' इति प्रथमपुस्तके पाठः ।
- 96. 'चम्मेंकसा' इति प्रथमपुस्तके पाठः।
- 97. 'कसा' इति प्रथमपुस्तके पाठः ।
- 98. 'क्रोष्ट्घडिका' इति पचमपुस्तके पाठः ।
- 99. 'वकीरण.' इति प्रथमपुस्तके पाठः।
- 100. 'वसुकान्योक्कों' इति प्रथमपुस्तके पाठः।

- 101. 'वाठः' इति प्रथमपुस्तके पाठः ।
- 102. 'गर्भघातनी' इति षष्ठपुस्तके पाठः ।
- 103 'शुक्तिपृष्टिपका' इति पञ्चमपृस्तके पाठः ।
- 104. 'कावोनी' इति प्रथमपुस्तके पाठः ।
- 105. 'शतपण्वंका' इति पंचमपुस्तके पाठः।
- 106. 'इवेतवामर.' इति षष्ठपुस्तके पाठः ।
- 107. 'सून्यग्रो' इति पष्ठप्स्तके पाठः ।
- 108. स्थूलदर्भी' इति पञ्चमपुस्तके पाठः । स्थूलगर्भा' इति षष्ठपुस्तके पाठः ।
- 109. 'वाताह्वो' इति षष्ठपुस्तके पाठः ।
- 110. 'तलो' इति प्रथमपुस्तके पाठः।
- 111 'गध्री' इति प्रथमपुस्तकं पाठः ।
- 112. 'विट.' इति प्रथमपुस्तके पाठः ।
- 113. 'किचकः' इति पञ्चमपुस्तके पाठ ।
- 114. 'स्यात्कम्मिरम्भस्त्वविसारकः' इति षष्ठपुस्तके पाठः ।
- 115. 'यवानी' इति प्रथमपुस्तके पाठः ।
- 116. 'लमफल.' इति पञ्चमपुस्तके पाठः ।
- 117. 'छिलहटो' इति पञ्चमपुस्तके पाठः।
- 118. 'महीम्ल इति षप्ठपुस्तके पाठ'।

This is the end of the 90th chapter of Ayurveda Sau-khyam in Todarānanda and colophon reads as below:

इति श्री महाराजाधिराज श्री टोडरमल्लविरिचने श्री टोडरानन्दे ग्रायुर्वेदसौख्ये निघण्टौ ग्रभयादिको हर्षो चतुरशीतितम (?)।

## **CHAPTER 32**

# शुण्ठी

शुण्ठी विश्वौषध विश्वं कटुभद्रं कटूत्कटम् । महौषध श्रृंगवेर नागरं विश्वभेषजम् ॥ १॥

Śuṇṭhĩ

Šunthī, viśauṣadha, viśva, katu bhadra, katūtkata, mahauṣadha, sṛṅgavera, nāgara and viśva bheṣaja—these are synonymous.

## श्रार्द्रकं

आर्द्रक श्रुगवेर तु कंदौषधमुदाहृतम् ।

## Ārdraka

Ārdraka, śṛngavera and kandauṣadha—these are synonymous.

## मरिच

मरिचं वल्लिज तीक्ष्ण मलिनं श्यामभूषण ॥ २॥

### उज़ी र

27 उज्ञीरमभयं सेव्यं वीरं वीरणमृलकम् ।

Uśīra

Uśīra, abhaya, sevya, vīra and vīraņa mūlaka—these are synonymous.

# रेणका

रेणुका कपिला कौती पांडुपुत्री हरेणुका ॥ २१ ॥

Renukā

Reņukā, kapilā, kauntī, pāņdu putrī and hareņukā.

# त्रियंगु

प्रियंगुः फलिनी श्यामा कांताह्वा नंदिनी लता।

Priyangu

Priyangu, phalinī, śyāmā, kāntāhvā, nandinī and latā—these are synonymous.

## पारिपेल

28 29 30 पारिपेल पूट वान्य शुकाह्वं पारिपेलवम् ॥ २२॥

Pāripela

Pāripela, puṭa, vānya, śukāhva and pāripelava—these are synonymous.

# शैलेय

31 शैलेय स्थविरं वद्धं शिलापुष्पं शिलोद्भवम् ।

Śaileya

Saileya, sthavira, vrddha, śilā puspa and śilodbhava—these are synonymous.

# कुं दुर

कुंदुरुम्मेंचकः कंडूः खर्जरो भीषणो बली ॥ २३॥

Materia Medica

### Kunduru

Kunduru, mecaka, kaṇḍū, kharjara, bhiṣaṇa and balī—these are synonymous.

## गुरगुल्

गुग्गुलुः सालनिर्यासो माहिषाक्षः पलंकषा । जटाय कौशिकोद्दर्गः देवध्यः शिवः पुरः ॥ २४ ॥

## Guggulu

Guggulu, sāla niryāsa, mahiṣākṣa, palankaṣā, jaṭāyu, kauśika, durga, deva dhūpa, śiva and pura—these are synonymous.

#### राल

रालः सर्ज्जरसो यक्षधूप: सर्ज्जोग्निवल्लभः । 33 34 35 क्षणकः शालनिर्यासो लाख्यास्यललनो वरः ॥ २५ ॥

### Rāla

Rāla, sarja rasa, yaksa dhūpa, sarja, agni vallabha, kṣaṇaka, śāla niryāsa, lākhyā, āsya lalana and vara—these are synonymous.

# स्थौणेयक

स्थौणेयक बर्हचुड शुकपर्णं शुकछद: ।

# Sthauneyaka

Sauņeyaka, barha cūḍa, śuka parņa and śuka chada—these are synonymous.

## चोरक

चोरकः कितवश्चडो दुःपुत्रः शंकनो रिपुः ॥ २६ ॥

### Coraka

Coraka, kitava, caṇḍa, duḥputra, śaṁkana and ripu—these are synonymous.

# एकांगी

मुरा गधवती दैत्या गंधाढ्या सुरिभः कुटिः।

Ekāṅgĩ

Murā, gandhavatī, daityā, gandhāḍhyā, surabhi and kuţī—these are synonymous.

# कर्चूर

कर्चूरो द्रविडो गंधमूलको दुर्लभः शटी ॥ २७॥

## Karcūra

Karcūra, dravida, gandha mūlaka, durlabha and śaţi—these are synonymous.

### शटी

37 शठी पलाशी षडंग्रथा सुव्रता गंधमूलिनी ।

Śaţī

Śathī, palāśī, ṣadgranthā, suvratā and gandha mūlinī—these arė synonymous.

# स्पृक्का

38 स्पृक्का सृक् ब्राह्मणी देवी निम्मील्या कूलिला वधू: ॥ २८ ॥

Spṛkkā

Spṛkkā, sṛk, brāhmaṇī, devī, nirmālyā, kūlilā and vadhu—these are synonymous.

## ग्रंथिपर्गी

39 40 ग्रथिपर्णो नीलपृष्प शुक्रपुष्पं विवर्णकम् ।

Granthi parnī

Granthi parņa, nīla puspa, śuka puspa and vivarņaka—these are synonymous.

### नली

निलका नर्त्तकी शुन्या निर्मेध्या धमनी नटी ॥ २६॥

#### Nalī

Nalikā, nartakī, śūnyā, nīrmedhyā, dhamanī and naṭī—these are synonymous.

## पव्मक

पद्मकं मलयश्चारः पीतरक्तश्च सुप्रभः।

### Padmaka

Padmaka, malaya, cāru, pīta rakta and suprabha—these are synonymous.

# पुंडरीक

प्रपौडरीक पौंड्राह्वं शतपुष्पं सुपुष्पकम् ।। ३० ।।

## Pundarīka

Prapaundarīka, paundrāhva, satapuspa and supuspaka—these are synonymous.

#### तगर

तगरं विहिणं जिह्यां चक्राह्वं नहुषं नतम्। 41 अपर पिडितगरं दीनं कट्महोरगम्।। ३१॥

## Tagara

Tagara, varhiṇa, jihma, cakrāhva, nahuṣa, and nata—these are the synonyms of tagara.

There is another variety of it which is known as piṇḍi tagara and its synonyms are dīna, kaṭn and mahoraga.

# गोरोचना

गोरोचना रुचिगौरी रोचना पिगला मता । मगल्या गौतमी मेध्या वध्या गोपित्तसंभवा ॥ ३२॥

### Gorocanā

Gorocanā, ruci, gaurī, rocanā, pingalā, mangalyā, gautamī, medhyā, vandhyā and go pitta sambhavā—these are synonymous.

नख

नखांको नखरः शिल्पी हनुन्निगःहनुः खुरः । 42 शुक्ति शंखो व्याघ्रनखमन्याह्माह्मतलं पादम् ॥ ३३॥

Nakha

Nakhānka, nakhara, śilpī, hanurnāga, hanu, khura, śukti, śankha and vyäghra nakha—these are the synonyms of nakha.

There is another variety (of it) which is known as hyāhya tala and pāda.

पतग

पत्तंग पटराग स्याद्रक्तकाष्ठ कुचदनम् । 43 सुरंगकं जगत्याह्व पत्त्र्रं पटरजनम् ॥ ३४॥

Patanga

Patanga, paṭa rāga, rak ta kāṣṭha, kucandana, surangaka, jagatyāhva, pattūra and paṭa ranjana—these are synonymous.

लाक्षा

44 45 लाक्षा निर्भत्सनो रक्तद्रुम व्याधि पलकषा । 46 47 कृमिजा जन्तुदास्याह्वा यावको रक्तको मनः ॥ ३५ ॥

Lāksā

Lākṣā, nirbharsana, rakta druma, vyādhi, palamkaṣā, kṛmijā, jantudā, āsyāhvā, yāvaka, raktaka and mala—thrse are synonymous.

पर्पटी

48 पर्पंटी रंजनी कृष्णा यतुका जननी जनी।

Parpațī

Parpaţī, rañjanī, kṛṣṇā, yatukā, jananī and janī—these are synonymous.

## पव्म

पिंद्मनी विशिनी ज्ञेया निलनी सूर्य्यवल्लभा ।।३६॥ कुमुद्रती कैरविणी कुमुद्युडुपितिप्रिया ।

### Padma

Padminī, viśinī, nalinī, sūrya vallabhā, kumudvatī kairaviņī kumudi and udupati priyā—these are synonymous.

# पद्मचारिएगी

पद्मचारिण्यतिचरा पद्माह्वा चारटी मता ॥ ३७ ॥

## Padma cāriņī

Padma cāriņī, aticarā, padmāhvā and cāraţī—these are synonymous.

## **१वेतकमल**

कमलं श्वेतमंभोजं सारस सरसीरुहम् ।
सहस्रपत्रं श्रीगेहं शतपत्रं कुशेशयम् ॥ ३८ ॥
पंकेरुहं तामरसं राजीवं पुष्करे रुहम् ।
ग्रन्थमंभोरुहं पद्म पुंडरीकं च पंकजम् ॥ ३६ ॥
सरोजं निलनी नीलमरिवदं महोत्पलम् ।

# Šveta kamala

Kamala, śvetamambhoja, sārasa, sarasī ruha, sahasra patra, śrīgeha, śata patra, kuśeśaya, pankeruha, tāmarasa, rajīva, puṣkareruha, accha, ambhoruha, padma, puṇḍarīka, pankaja, saroja, nalinī, nīla, aravinda and mahotpala—these are synonymous.

## रक्तोत्पल

रोपलरक्तं कोकनदं हल्लक रक्तगंधिकम् ॥ ४० ॥

## Raktotpala

Raktotpala, kokanada, hallaka and rakta gandhika—these are synonymous.

### मीलोत्पल

नीलोत्पलं कुवलयं भद्रमिदीवरं मतम् । एतदेव सितंकिचित्कुमुदं कैरवं कुमृत् ॥ ४१ ॥

## Nīlotpala

Nīlotpala, kuvalaya, bhadra and indīvara—these are the synonyms of nilotgala.

It has another variety which is slightly white and its synonyms are kumuda, kairava and kumut.

## कल्हार

कह्नारं ह्रस्वपाथोजं सीम्य सौगंधिक मतम् ।

## Kalhāra

Kalhāra, hrasva pāthoja, saumya and saugandhika—these are synonymous.

## कमल केशर

49 किजल्कः केसरं गौरमापीतं कांचनाह्वयम् ॥ ४२ ॥

## Kamala kesara

Kiñjalka, kesara, gaura, āpīta and kāñcanāhvaya—these are synonymous.

# पद्मबीज

पद्मबीजं तु गालोढ पद्माह्वं पद्मककर्तटी ।

## Padma bīja

Padma bīja, gāloḍha, padmāhva and padma karkaţi—these are synonymous.

मृगाल

50 मुणालं विसमंभोजं नालं च नलिनीरुहम् ।। ४३ ॥

Mrnāla

Mṛṇāla, visa, ambhoja, nāla and nalinī ruha—these are synonymous.

शालुक

51 पद्मादिमूलं शालूकं शालीनं करहाटक ।

Śālūka

Śālūka, śālīna and karahāṭaka—these are synonymous of the rhizome (mūla) of padma etc.

जाती

जाती प्रियंवदा राजी मालती सुमना मता ।। ४४ ।।
पीतजात्यपरा पीतपुष्पा काञ्चनपुष्पिका ।
क्वेतजाती स्वर्णजाती वधनामा जयंतिका ।। ४४ ।।

Jātī

Jātī, priyambadā, rājī, mālati and sumanā—these are the synonyms of jātī.

There is another variety of it which is yellow in colour and it is called  $p\bar{\imath}\iota a$   $pusp\bar{a}$  and  $k\bar{a}\bar{n}cana$   $pusp\imath k\bar{a}$ .

The white variety of it is called śveta jātī, svarņa jāti, vandha nāmā and jayantikā.

मालती

52 53 मल्लिका मेदिनी मुक्ता बंधिनी मदयतिका ।

Mālatī

Mallikā, medinī, muktā, bandhinī and madayantika—these sare ynonymous.

# युचिका

54 55 यूथिका हरिणी बाला पुष्पगंधा शिखंडिनी ॥ ४६ ॥ 56 स्वर्णयूथी परापीता गणिका स्वर्णपुष्पिका ।

#### Yüthikā

Yūthikā, hariņī, bālā, puṣpa gandhā, śikhaṇḍinī, svarṇa yūthī, parā pitā, gaṇikā and svarṇa puṣpikā—thess are synonymous.

## सेवती

कुब्जको भद्रतरणि बृहत्पुष्पा महासहा ॥ ४७ ॥

57
शतपुष्पा तरुण्युक्ता कणिका चारुकेसरा ।

रक्तापरा रक्तपुष्पा लाक्षापुष्पातिमंजुला ॥ ४८ ॥

#### Sevatī

Kubjaka, bhadra taraņi, brhat puṣpā, mahā sahā, śata puspā, taruņī, karnikā and cāru kesarā—these are the synonyms of sevati.

It has another variety having red flower and its synonyms are rakta puṣpā, lākṣā puṣpā and atimañjulā.

## केतकी

58 केतकी सूचिका पुष्पा जंबुकः कर्कशस्त्रदः । 59 मूवर्णकेतकी चान्या लघुपुष्पा सुगंधिनी ।। ४६ ॥

## Ketakī

Ketakī, sūcikā puspā, jambuka and karkaśa chada—these are the synonyms of ketakī.

It has another variety which is known as suvarņa ketakī, laghu puṣpā and sugandhinī.

## वासंती

वासती मरला कुंदा प्रहसंती वसतजा

### Vāsantī

 $Vasant\bar{\imath}, saral\bar{a}, kund\bar{a}, prahasant\bar{\imath}$  and  $vasantaj\bar{a}$ —these are synonymous.

### माधनी

नेपाली ग्रीष्मका लूता म्लायिनी वनमालिका ॥५०॥ वार्षिकी त्रिपुटा धन्या श्रीमती षड्पदप्रिया । माधवी मंडपः कामी पुष्पेंद्राभीष्टगंधकः ॥ ५१॥

### Mādhavī

Nepālī, grīṣmakā, lūtā, mlāyinī, vana mālikā, vārṣikī, tripuṭā, dhanyā, śrumatī, ṣaḍpada priyā, mādhavī, maṇḍapa kāmī, puṣpendra and abhiṣṭa gandhaka—these are synonymous.

# पुन्नाग

60 चपकः कांचनो रम्यश्चांपेयः सुरभिश्चलः। 61 प्नागः पाटलीपुष्पः केशरः पट्पदालयः॥ ५२॥

# Punnāga

Campaka, kāncana, ramya, cāmpeya, surabhi, cala, punnāga, pāṭalī puṣpa, keśara and ṣaṭpadālaya—these are synonymous.

# बकुल

वकुलः केसरी मद्यगंध सिहो विशारदः । 63 वुकोवक स्थूलपुष्पो वसुकः शिवशेखरः ॥ ५३॥

## Vakula

Vakula, kesara, madyagandha, simha and visarada, vūkovaka, sthūla puspa, vasuka and siva sekhara—these are synonymous.

# क व

कुंदः शुल्कः सदापुष्पो भृंगबंधुम्मेनोरमः ।

#### Kunda

Kunda, śukla, sadā puṣpa, bhṛnga bandhu and manorama—these are synonymous.

# मुचकुन्दः

मुचुकुंदः क्षत्रवृक्षः चिवुकं प्रतिविष्णुकः ।। ५४ ॥

### Muca kunda

Mucu kunda, ksatra vṛkṣa, civuka and prati visṇuka—these are synonymous.

### वेला

भूमंडली बिबकिलो द्विपदाष्टपदी तथा ।

तिलका क्षुरकः श्रीमान् विचित्रो मुखमडनः ॥ ५५॥

गणेरुका कणिकारिः कणिश्च गणिकारिका ।

### Velā

Bhū maṇḍalī, bimba kila, dvipadā, aṣṭapadī, tılakā, kṣuraka, śrīmān, vicitra, mukha maṇḍana, gaṇerukā, karṇikāra, karṇi and gaṇikārikā—these are synonymous.

# बंधजीव

बधुजीव: शरतपुष्पो वंधवंधक रक्तकः ॥ ५६ ॥

# Bandhu jīva

Bandhu jīva, śarat puṣpa, bandha bandhuka and raktaka—these are synonymous.

### जपा

जपापुष्प जपारक्तं त्रिसंध्या वरुणाऽसिता ।

# Japā

Japā puṣpa, japā rakta, tri sandhyā, varuṇā and asitā—these are synonymous.

# सिंदरी

सिंदूरी रक्तबीजा स्याद्रक्तपुष्पा सुकोमला ।। ५७ ।।

### Sinduri

Sindūrī, rakta bījā, rakta puṣpā and sukomala—these are synonymous.

# तुलशी

तुलशी सुरसा गौरी भूतघ्नी वहुमंजरी । 67 भ्रपेतराक्षसी ग्राम्या सुलला देवद्ंदुभिः ॥ ५८॥

### Tulaśī

Tulaśī, surasā, gaurī, bhūtaghnī, vahu manjarī, apeta rākṣasī, grāmyā, sulalā, deva dundubhi—these are synonymous.

### मरुवक

68 मरुवन मरुकस्तीक्ष्णः खरपत्रः फणिज्जकः ।

### Maruvaka

Maruvan, maruka, tīksņa, khara patra, phaņijjaka—these are synonymous.

#### दमन

दमनो मदनो दातः दमो मुनिसुतो मुनिः ॥ ५६ ॥ गधोत्कटो दमनको विनीतः कूलपृत्रकः ।

## Damana

Damana, madana, dānta, dama, muni suta, muni, gandhotkaţa, damanaka, vinīta and kula putraka—these are synonymous.

# कुठेरक

वर्ध्वरी त्वर्ज्जकः सुठो वैकुठः स्यात्कुठेरकः ॥ ६० ॥
कपित्थार्ज्जक इत्यन्यो वटपत्रः कटिजरः ॥
69
कृष्णार्ज्जकः कालमाता करालः कृष्णमित्लका ॥६१॥

## Kutheraka

Varvarī, arjaka, kuntha, vaikuntha, kutheraka and

kapitthārjaka—there are the synonyms of kutheraka.

There is another variety of it which is known as vata patra, katijara, kṛṣṇārjaka, kāla mātā, karāla and kṛṣṇa mallikā.

### NOTES AND REFERENCES

1. This is the 92nd chapter of Ayurveda saukhyam in Todarā-nanda and the opening invocation reads as below;

ब्रह्मांडनाथो वसुदेवसूनुर्वं जांगनावाक्यवशो मुकुंदः । वसुंधरायाः प्रभुतां समस्तां श्रीटोडरे सर्वसुखं विधत्ताम् ॥

- 2. 'भूतिकरक्त' इति षष्ठपुस्तके पाठः ।
- 3. 'वेध्य' इति षष्ठपुस्तके पाठः ।
- 'पूतिका' इति पंचमपुस्तके पाठः ।
   'भृतिका' इति षष्ठपुस्तके पाठः ।
- 'पूतिकर' इति षष्ठपुस्तके पाठः ।
   'प्रीतिकचः' इति प्रथमपुस्तके पाठः ।
- 'स्यङ्गधवेलिका' इति षष्ठपुस्तके पाठः ।
   'गंधवेलिका' इति पचमपुस्तके पाठः ।
- 7. 'नारायणलय' इति प्रथमपुस्तके पाठः ।
- 8. 'पीतम' श्राह्मम् इति प्रथमपुस्तके पाठः ।
- 9. 'शकं' इति प्रथमपुस्तके पाठः।
- 10. 'स्रुरुक' इति प्रथमपुस्तके पाठः।
- 11 'एवालुकम्' ग्रनवीलु इति प्रथमपुस्तके पाठः ।
- 12. 'सूतं' इति पचमपुस्तके पाठः ।
- 13. 'शालुक' इति पष्ठपुस्तके पाठः ।
- 14. 'जातिपत्री' इति प्रथमप्रतके पाठः ।
- 15. 'लवग' इति प्रथमपुस्तके पाठः ।

- 16. 'मारिचं' इति षष्ठपुस्तके पाठः ।
- 17. 'माधवोषितं' इति पंचमपुस्तके पाठः ।
- 18. 'त्रिदिवादिभदा' इति षष्ठपुस्तके पाठः ।
- 19. 'ललाटपर्ण्य' इति प्रथमपुस्तके पाठः ।
- 20. 'रोमसं' इति प्रथमपुस्तके पाठः ।
- 21. 'नागकेशरकं' इति पंचमपुस्तके पाठः।
- 22. 'नामं' इति प्रथमपुस्तके पाठः ।
- 23. 'तुलसीछदः' इति पंचमपुस्तके पाठः।
- 24, 'मदन' इति पंचमपुस्तके पाठः ।
- 25. 'पीडा' इति षष्ठपुस्तके पाठः ।
- 26. 'पिगल' इति पंचमपुस्तके पाठः ।
- 27. 'मनं' इति पंचमपुस्तके पाठः ।
- 28. 'उसीरमभयं' इति प्रथमपुस्तके पाठः ।
- 29. 'वारिपेलं' इति प्रथमपुस्तके पाठः ।
- 30. 'चाण्यं' इति प्रथमपुस्तके पाठः ।
- 31. 'परिपेलनं' इति षष्ठपस्तके पाठः ।
- 32. 'शिलेयं' इति षष्ठपुस्तके पाठः ।
- 33. 'कटु' इति षष्ठपुस्तके पाठः ।
- 34. 'सालनिर्यासी' इति प्रथमपुस्तके पाठः ।
- 35. 'ललवनो' इति प्रथमपुस्तके पाठः ।
- 36. 'चरः' इति प्रथमपुस्तके पाठः।
- 37. 'सटी' इति प्रथमपुस्तके पाठः ।
- 38. 'शटी' इति पंचमपुस्तके पाठः । 'सटी' इति प्रथमपुस्तके पाठः ।
- 39. 'कुटिला' इति पंचमपुस्तके पाठः।
- 40. 'नालपुष्प' इति पचमपुस्तके पाठ: ।
- 41. 'विकर्णकं' इति पष्ठपुस्तके पाठः ।
- 42. 'पिंडतगरं' इति पंचमषष्ठपुस्तकयोः पाठः।

- 43. 'संखो' इति प्रथमपुस्तके पाठः।
- 44. 'जगन्याह्वं' इति षष्ठपुस्तके पाठः ।
- 45. 'निर्भत्स्वरा' इति पंचमपुस्तके पाठः । 'निर्भत्सरा' इति षष्ठपुस्तके पाठः ।
- 46. 'फलम्' इति प्रथमपुस्तके पाठः ।
- 47. 'नालको' इति पंचमपुस्तके पाठः ।
- 48. 'नलः' इति षष्ठपुस्तके पाठः ।
- 49. 'जतुका' इति षष्ठपुस्तके पाठः।
- 50 'केशरं' इति पंचमपुस्तके पाठः।
- 51. 'विषमंभोजम्' इति प्रथमपुस्तके पाठः ।
- 52. 'शालीनी' इति षष्ठपुस्तके पाठः ।
- 53. 'मेदनी' इति पंचमपुस्तके पाठः । 'नंदनी' इति षष्ठपुस्तके पाठः ।
- 54. 'वंधनं' इति प्रथमपुस्तके पाठः ।
- 55. 'हरणी' इति प्रथमपुस्तके पाठः ।
- 56. 'सिखडिनी' इति प्रथमपुस्तके पाठः ।
- 57. 'स्वर्णयूथिका' इति प्रथमपुस्तके पाठः ।
- 58. 'केशरा' इति षष्ठपुस्तके पाठः।
- 59. 'सूतिका' इति पचमपुस्तके पाठः । 'सूविका' इति पष्ठपुस्तके पाठः ।
- 60 'सुगंधिका' इति पंचमपुस्तके पाठः
- 61. 'सुरभीश्चलः' इति षष्ठपुस्तके पाठः।
- 62. 'केसर.' इति प्रथमपुस्तके पाठः ।
- 63. 'केशरो' इति पंचमपुस्तके पाठः।
- 64 'चकोवक' इति षष्ठपुस्तके पाठः।
- 65. 'विचिकलो' इति प'चमपुस्तके पाठः।
- 66. 'वधवंध्क' इति षष्ठपुस्तके पाठः ।
- 67. 'तुलसी' इति षष्ठपुस्तके पाठः ।

- (68. 'सुरला' इति षष्ठपुस्तके पाठः । 'सुलभा' इति पंचमपुस्तके पाठः ।
- 69. 'मखन्' इति षष्ठप्रस्तके पाठः।
- 70. 'कालभाला' इति पंचमपुस्तके पाठः । 'कालभाना' इति षष्ठपुस्तके पाठः ।
- 71. This is the end of 92nd chapter of Ayurveda Saukhyam in Todarānanda and the Colophon reads as below;

इति श्रीमहाराजाधिराजटोडरमल्लविरचिते टोडरानंदे श्रायुर्वेदसौढंये कर्पूरादिवर्गे निघंटो षडशीतितमो (?) हर्षः ।

## **CHAPTER 34**

1 सुवर्ग

> सुवर्ण कनक हेम हाटकं ब्रह्मकांचनम् । चामीकरं रातकुंभ तपनीय च रुक्मकम् । अ जाबूनद हिरण्य च सुरल जातरुपकम् ॥ १॥

### Suvarna

Suvarṇa, kanaka, hema, hāṭaka, brahma kāñcana, cāmikara, sata kumbha, tapanīya, rukmaka, jāmbū nada, hiraṇya, suratna and jāta rūpaka—these are synonymous.

### रुप्यक

४ रुप्यक रजत कुष्ठ तार भ्वेत वसूत्तमम् ।

# Rupyaka

Rupyaka, rajata, kuṣṭha. tāra, śveta and vasūttama—these are synonymous.

#### ताम्र

ताम्रं म्लेछमुख शुल्वं नैपाल रिवनामकम् ॥ २॥

#### Tāmra

Tāmra, mlecha mukha, śulva, naipāla and ravi nāmaka—these are synonymous.

### कांस्य

कांस्यं लोह निजघोष पंचलोहं प्रकाशनम् ॥ ३॥

## Kāṁsya

Kāmsya, loha, nija ghoṣa, pañca loha and prakāśana—these are synonymous.

### पित्तल

5 पीतलोहं कपिलोहं कपिलं सौख्यमारकम् । वर्त्तंलोहं नृलोहं च रजनी निम्महेश्वरी ॥ ४॥

### Pittala

Pīta loha, kapi loha, kapila, saukhya māraka, varta loha, nṛloha, rajanī and nīrmaheśvarī—these are synonymous.

### वंग

6 रंगस्तु खरक वंग त्रपुस्यात्करटी घनम् ।

# Vanga

Ranga, khuraka, vanga, trapu, karaţī and ghana—these are synonymous.

#### नाग

सीसं धातुभवं नागमुरगं परिविष्टकम् ॥ ४ ॥

# Nāga

Sīsa, dhātu bhava, nāga, uraga and parī pisṭaka—these are synonymous.

# लौह

7 लोहं शस्त्रमयः कुष्टं खंड पारावत घनम्।

#### Lauha

Loha, śastra, ayaḥ, kuṣṭha khaṇḍa, pārāvata and ghana—these are synonymous.

# मंडूर

कृष्णायस्तन्मल किट्टं मड्र लोहजं रज: ॥ ६ ॥

## Mandūra

Kṛṣṇāyah mala, kiṭṭa, maṇḍūra, lohaja and rajas—these are synonymous.

#### पारद

पारदश्चपलो हेमनिधिः सूतो रसोत्तमः । विनेत्रो रोषण स्वामी हरवीजं रसः प्रभः ॥ ७॥

#### Pārada

Pārada, capala, hema nidhi, sūta, rasottama, trinetra, roṣaṇa, svāmīn, hara bīja, rasa and prabhu—these are synonymous.

### ग्रभ

ग्रभ्नकं स्वच्छमाकाश पटलं वरपीतकम् ।

#### Abhra

Abhraka, svaccha, ā'cāśa, paṭala and vara pītaka—these are synonymous.

#### गंधक

गधः सौगधिको लेली गधास्मा गंधपीतक ॥ ८ ॥

## Gandhaka

Gandha, saugandhika, lelī, gandhāsma and gandha pītaka—these are synonymous.

## माक्षीक

माक्षीक धातुमाक्षीक ताप्य तापीजमुच्यते ।

### Māksīka

Māksīka, dhātu mākṣīka, tāpya and tāpīja—these are synonymous.

## मन:शिला

भनःशिला शिला गोला नैपाली कुनटी कुला। दिन्यौषधिन्नींगमाता मनोगुप्ता मनोह्विका ॥ ६ ॥

## Manaḥśilā

Manah śilā, śilā, golā, naipālī, kunaṭī. kulā, divyauṣadhi, nāga mātā, mano guptā and manohvikā—these are synonymous.

# हरिताल

हरिताल मल्लं तालं गोदतं नटभूषणम् ॥ १० ॥

### Haritāla

Haritāla, malla, tāla, godanta and naţa bhūṣaṇa—these are synonymous.

## गैरिक

गैरिक रक्तपाषाणां गिरिमृच्च गवेरुकम् । 9 स्वर्णवर्णं परंवर्ण मडन स्वर्णगैरिकम ।। ११ ।।

## Gairika

Gairīka, rakta pāṣāṇa, giri mṛt, gaveruka, svarṇa varṇa, param varna, maṇḍana and svarṇa gairīka—these are synonymous.

# तुत्थ

तुत्थ खर्णरिकातुःथममृतासंगमुच्यते । मयुरग्रीवकं चान्यत् शिखिकंठ च तत्थकम ॥ १२ ॥

#### Tuttha

Tuttha, kharparikā tuttha and amṛtā saṅga—these are synonyms of tuttha,

Another variety of it is called mayūra grīvaka and its synonyms are śikhi kantha and tutthaka.

### कासीस

कासीसं धात्कासीमं खेचरं तप्तलोमशम् ।

Kāsīsa

Kāsīsa, dhātu kasīsa, khecara and tapta lomaša.

## पूष्प कासीस

10 अपरं पुष्पकासीसं तुवर वस्त्ररागहृत् ॥ १३ ॥

Puspa kāsīsa

Another variety of  $k\bar{a}s\bar{s}sa$  is called puspa  $k\bar{a}s\bar{s}sa$  and its synonyms are tuvara and vastra  $r\bar{a}ga$  hrt.

# हिगुल

11 हिगुल दरद म्लेछ सौकत चूर्णपारदम् ।

Hingula

Hingula, darada, mlecha, saukata and cūrņa pārada—these are synonymous.

## सिंदूर

सिंदूरं नागजं रक्त श्रीमत् श्रुंगारभूषणम् । 12 वसंतमंडनं नागगर्भ रक्तरजस्तथा ॥ १४॥

Sindūra

Sindūra, nāgaja, rakta, śrīmat, sṛṅgāra bhūṣana, vasanta manḍana, nāga garbha and rakta raja—these are synonymous.

## सौवीर ग्रंजन

सौवीरमंजनं कृष्णं कालं नीलं सुवीरजम् ।

Sauvīra anjana

Sauvīra, añjanu, kṛṣna, kāla, nīla and suvīraja—these are synonymous.

## स्रोबोऽज्यम

13

स्रोतोंजनं तु स्रोतोजं नदीजं यामुनं वरम् ।। १५ ।।

## Srotoñjana

Srotañjana, srotoja, nadīja, jāmuna and vara—these are synonymous.

### रसाञ्जन

रसांजन रसोद्भूतं तार्क्षशैलं च वार्षिकम् । रसाग्य कृत्रिमं तार्क्ष्यं दिव्यं दार्व्या रसोद्भवम् ॥१६॥

## Rasāñjana

Rasāñjana, rasodbhūta, tārksa śaila, vārṣika and rasāgrya—these are the synonyms of rasāñjana.

It is also prepared artificially which is known as tārksya, divya and dārvī rasodbhava.

# पुष्पांजन

14 पुष्पांजनं पृष्पकेत् रीतिज कुसुमाजनम् ।। १७ ।।

# Puspāñjana

Puṣpānjana, puṣpa ketu, rītija and kusumānjana—these are synonymous.

# शिलाजत्

शिलाजत्वस्मजं शैलिनयिसी गिरिसाह्वयम् । शिलाह्व गिरिजंशैल गैरेयं गिरिजत्विप ॥ १८॥

# Silājatu

Śilājatu, asmaja, śaila niryāsa, girisāhvaya, śilāhva, girija, śaila, gaireya and giri jatu—these are synonymous.

## बोल

बोलं गंधरसं पौरं निल्लॉहं वार्व्वरं बलम् ।

#### **Bola**

Bola, gandha rasa, paura, nirloha, vārvara and bala—these are synonymous.

### स्फटिका

म्फटिकाख्यामृता वध्या कांक्षो सौराष्ट्रसभवा । 17 आढकी तुवरी त्वन्या मृत्तिका सुरमृत्तिका ॥ १६ ॥

## Sphatikā

Sphaţikā, amṛtā, vandhyā, kāmkṣī, saurāṣṭra sambhavā, āḍhakī and tuvarī—these are the synonyms of sphaţikā.

It has another variety whose synonyms are  $mrttik\bar{a}$  and  $sura\ mrttik\bar{a}$ .

# समुद्रफेन

समुद्रफेनो डिंडरि फेनो वारिकफोव्धिजः ॥ २०॥

# Samudra phena

Samudra phena, dındari, phena, vari kapha and abdhija—these are synonymous.

#### प्रवाल

प्रवालं विद्रमं सिधुलताग्र रक्तवर्णकम्।

#### Pravāla

Pravāla, vidrūma, sindhu latāgra and rakta varņaka—these are synonymous.

# मुक्ता

18 19 मौक्तिकं मोतिक मुक्ताफल मुक्ता च शुक्तिजम् ॥२१॥

### Muktā

Mauktika, motika, muktā phala, muktā and śuktija—these are synonymous.

## माशिक्य

माणिक्यं पद्मरागं स्याद्वसुरत्नं सुरत्नकम् ।

Mänikya

Māṇikya. padma rāga, vasu ratna and suratnaka—these are synonymous.

# सूर्यकांत

सूर्यकांतः सूर्यमणि सूर्याच्यो दहनोपलः ॥ २२ ॥

Sūrya kānta

Sūrya kānta, sūrya mani, sūryākhya and dahanopala—these are synonymous.

### चन्द्रकांत

20 चंद्रकांतरचद्रमणिः स्फटिकः स्फटिकोमलः ।

Candra kānta

Candra kānta, candra maņi, sphaţika and sphaţikomala—these are synonymous.

## गोमेद

गोमेदः सुन्दरं पीतं रक्तं तृणचर तथा ॥ २३ ॥

Gomeda

Gomeda, sundara, pīta, rakta and tṛṇa cara—these are synonymous.

# हीरा

21 हीरकं विदुरं वज्रं स्वारिचक्रं च तारकम् ।

Hīrā

Hīraka, vidura, vajra, svāricakra and tāraka—these are synonymous.

# वैड्यं

22 23 नीलरत्न नीलमणिः वैड्र्य्यं वालवर्जनम् ॥ २४ ॥

## Vaidūrya

 $N\bar{\imath}la\ ratna$ ,  $n\bar{\imath}la\ man$ i,  $vaid\bar{u}rya$  and  $v\bar{a}la\ varjana$ —these are synonymous.

### मरकत

### Marakata

Garut mat, marakata, drṣadgarbha and harin maṇi—these are synonymous.

# शुक्ति

## Śukti

Mukiā sphoţa, abdhi mandukī, śukti and mauktika mandirathese are synonymous.

### शंख

# Śaṁkha

Samkha, kambu, jala cara, vārija and dīrgha nisvana—these are synonymous.

# लघुशंख

## Laghu samkha

Laghu samkha, śamkhanaka, śambūka and vāri śukti—these are synonymous.

## कर्पादका

# कपर्दा क्षुरका ज्ञेया खरा च खरवाटिका ।

## Kapardikā

Kapardā, kṣurakā, kharā and khara vātīkā—these are synonymous.

## खटिका

25 खटीमकोलः खटिनी श्वेतानाडी तरंगकः ॥ २७॥

Khatikā

Khaţī, makola, khaţinī, śvetā nādī and tarangaka—these are synonymous.

## गौडपाषारग

तद्भेदो गौडपाषाणः क्षीरपाक उदाहृतः ।

Gauda pāsāna

A variety of khaṭī is called gauḍa pāsāṇa and its synonym is kṣīra pāka.

# पंक, वालुका

पंक कर्इमको ज्ञेयो वालुका. सिकतास्तथा ॥ २८ ॥

Panka and Vālukā

Panka is called kardamaka and vālukā is called sikatā.

# चुं वकपाषाण

27

चुंवक कांतपाषाणोऽयस्कातो लोह्कर्षक ।

Cumbaka pāşāņa

Cumbaka, kānta pāṣāṇa, ayaskānta and loha karṣaka—these are synonymous.

### काच

काचः कुत्रिमरत्नं स्यात् पिगण. काचभाजनम् ॥२६॥

## Kāca

Kāca, krtrima ratna, pingaņa and kāca bhājana—these are synonymous.

#### NOTES AND REFERENCES

1. This is the 93rd chapter of Ayurveda Saukhyam in Todarānanda and the opening invocation reads as below:

पद्मालया कृष्णहृदालया सती पादावुज कामयतेन्यसेवितम् । समत्सरा सा तुलसीपदे सदा श्री टोडरेतेलयुतास्तु संस्थिता।

- 2. भर्मकांचन इति पचमपुस्तके पाठः।
- 3 सुरन्न इति प्रथमपुस्तके पाठः।
- 4. सूर्यं इति पष्ठपुस्तके पाठः।
- 5 सहिद्रनक इति प्रथमपूस्तके पाठ ।
- 6. वंगकतीरक इति प्रथमपूस्तके पाठ ।
- 7. रोध्न इति प्रथमपुस्तके पाठः।
- 8. नपाली इति प्रथमपुस्तके पाठः ।
- 9 मंडलं इति षष्ठपुस्तके पाठः।
- 10 वस्त्ररागदृक् इति प्रथमपुस्तके पाठः।
- 11 सौकंदं इति प्रथमपुस्तके पाठः ।
- 12 वसतमंडलं इति वष्ठपुस्तके पाठ ।
- 13. चरं इति पष्ठपुस्तके पाठः।
- 14. रीभिज इति प्रथमपुस्तके पाठः ।
- 15. वर्वरश्चर इति पष्ठपुस्तके पाठः ।
- 16. वष्पी इति प्रथमपुस्तके पाठः ।
- 17. ग्राटकी इति षष्ठपुस्तके पाठः ।
- 18. मौलिकं इति पंचमपुस्तके पाठ. । शौक्तिकं इति षष्ठपुस्तके पाठः ।
- 19. सुक्तिजं इति प्रथमपुस्तके पाठ. । शौक्तिक षष्ठपुस्तके पाठ ।
- 20. चद्रकांतभद्रमणिः इति षष्ठपुस्तके पाठः ।
- 21. स्वरि इति षष्ठपुस्तके पाठः ।
- 22. वैदूर्यं इति षष्ठपुस्तके पाठः ।

- 23. वालवह्वहं इति षष्ठपुस्तके पाठ ।
- 24. इषग्दंभं इति प्रथमपुस्तके पाठः ।
- 55. खटिमकालः इति षष्ठपुस्तके पाठः।
- 26. नरंगतः इति षष्ठपुस्तके पाठः।
- 27. कंवुकः इति षष्ठपुस्तके पाठः ।

This is the end of the 93rd chapter in Ayurveda Saukhyam in Todarananda and the colophon reads as below:

इति श्रीमहाराजाधिराजटोडरमल्लिवरिचते टोडरानंदे आयुर्वेदसौक्ये निघटौ स्वर्णादिवर्गः सप्ताशीतितमोहर्षः ( $^{7}$ )।

# **CHAPTER 35**

1 वट

वटो रक्तफलः क्षीरी वहुपादो वनस्पतिः। 3 यक्षवासः पदरोहि न्यग्रोधः स्कदपा ध्रुवः ॥ १ ॥

Vața

Vata, rakta phala, kṣīrī, vahu pāda, vanaspati, yakṣa vāsa, rohi, nyugrodha, skandapa and dhruva—these are pāda synonymous.

### अइवत्थ

पिप्पलः इयामलोऽइवत्थः क्षीरवृक्षो गजाशनः। हरिवासक्वलदलो मगत्यो वोधिपादयः।। २।।

# Aśvattha

Pıppala, śyāmala, aśvatıha, ksīra vṛkṣa, gajāśana, hari vāsa, cala dala, mangalya and vodhi pādapa—these are synonymous.

# उदुंबर

उदुंबरः क्षीरवृक्षो जतुवृक्षः सदाफलः ।

हेमदुग्धः कृमिफलो यज्ञांगः शीतवल्कलः ॥ ३॥

#### Udumbara

Udumbara, kṣīra vṛkṣa, jantu vṛkṣa, sadā phala, hema dugdha, kṛmi phala, yajñānga and śīta vālkala—these are synonymous.

# काष्ठोदुम्बर

5 6
 काकोदुंबरिका फल्गुम्मेलयुः श्वित्रभेषजम् ।

### Kāsthodumbara

Kākodumbarikā, phalgu, malayu and śvitra bheṣaja—these are synonymous.

#### प्लक्ष

ग् प्लक्षः पृयश्चारुवृक्षः स्वपाश्वो गर्द्भांडकः ॥ ४॥ ॥ ॥ ॥ ॥ ॥ ॥ ॥

# Plakṣa

Plakṣa, pṛya, cāru vṛkṣa, svapārśva, gardhabhāṇḍaka, vaṭi and kamanḍalu—these are synonymous.

### नंदी

नंदी वृक्षोश्वत्यभेदः प्ररोही गजपादपः ।

#### Nandī

A variety of aśvattha is called nandī vṛṣṣa. Its synonyms are prarohī and gaja pādapa.

#### कदम्ब

कदम्बो गंधमत्पुष्पः प्रावृषेण्यो महोन्नितः । अन्यो धूलिकदंबः स्यान्नीपो राजकदंबकः ॥ ५॥

#### Kadamba

Kadamba, gandhamat puspa, prāvṛṣeṇya, and maho mati—these are the synonyms of kadmaba.

A variety of it is called *dhuli kadamba*. Its synonyms are  $n\bar{\imath}pa$  and  $r\bar{a}ja$  kadamba.

# श्रज् न

### Arjuna

Kakubha, arjuna, nandī, sarja and śaţha druma—these are synonymous.

#### शिरीष

# Śirīşa

Śirīṣa, plavaga, vipra, śuka vṛkṣa, kapītana, mṛdu puṣpa, svāma varna and bhandīranī phala—these are synonymous.

### श्रातंगल

# Ārtagala

Argața, ārta gala, vahu kanța and pratarșana—these are synonymous.

### वेतस

#### Vetasa

Vetasa, vañjula, namra, vānīra, dīrgha patraka, nādeya and megha puṣpa—these are the synonyms of vetasa.

There is another variety of it which is called toya kāma and nikuñjaka.

#### जलवेतस

जलीकासंवृतोंऽभोजो निचुलो जलवेतसः ।

Jala vetasa

Jalaukā samvṛta, ambhoja, nicula and jala vetasa—these are synonymous.

### समुद्रफल

इन्जलो हिन्जलो गुछाफलः स्यात्कछपालिका ॥ ६ ॥

Samudra phala

Ijjala, hijjala, gucchā phala and kaccha pālikā—these are synonymous.

#### **इलेक्मातक**

श्लेष्मातकः कव्वुदारः पिछिलो भूतपादपः । 13 शेलुः गैलश्च शैलुकः शैलुको द्विजकृत्सकः ।। १०।।

Śleșmātaka

Ślesmātaka, karvudāra, piechila, bhūta pādapa, śelu, śaila, śailuka, śailūka and dvija lutsaka—these are synonymous

# पील्

पीलुः शीत सहस्राक्षी तीक्ष्णद्रुः करभिष्रयः ॥ ११ ॥ 14 सहस्रांगी गुडफला तत्फलपीलु पील्जम् ।

 $P\bar{\imath}lu$ 

Pīlu, śīta, sahasrākṣī, tīkṣṇadru, karabha prīya, sahasrāṅgī and guḍa phalā—these are the synonyms of pīlu trec.

Its fruits are called pīlu and pīluja.

#### साक

ाऽ साकः करछदो भूमीसहो दीर्घछदो मतः।। १२।।

### Śāka

Sāka, kara chada, bhūmī saha and dī gha chada—these are synonymous.

#### शाल

शाल सर्ज्यसः मर्ज्ः श्रीकृन्मारीचपत्रकः ।

# Śāla

Śāla, sarja rasa, sarja, śrīkṛt and mārica patraka—these are synonymous.

#### तमाल

तमाल उक्तस्तापिछः कालस्क घोऽसितद्रुमः ॥ १३ ॥

#### Tamāla

Tamāla, tāpincha, kāla skandha and asita druma—these are synonymous.

## खदिर

17 खदिरो रक्तसार स्याद्गायत्री वालपत्रिका ।

खदिरः श्वेतसारोन्यः काम्म् कः कृब्जकंटकः ॥ १४॥

### Khadira

Khadira, rakta sāra, gāyatrī and vāla patrikā—these are the synonyms of khadira.

It has another variety which is known as śveta sāra, kārmuka and kubja kanṭaka.

# विट्खदिर

इरिमेदो विट्खदिरो गोधास्कं धोऽरिमेदकः ।

### Vit khadira

Irimeda, viţ khadira, godhā skandha and arimedaka—these are synonymous,

#### बब्बल

बब्बूल: किकिरात स्यात् शीतकः पीतपुष्पकः ।।१४।।

#### Babbula

Babbula, kim kirāta, šītaka and pīta puṣpaka—these are synonymous.

#### विजय सार

वीजकः सनकः सौरीप्रियः काम्पोलकप्रियः ।

### Vijaya sāra

Vījaka, sanaka, saurī priya and kāmpolaka priya—these are synonymous.

#### तिनिस

18 तिनिसः स्यंदनो नेमी सर्व्वसारोश्मगर्भकः ॥ १६ ॥

#### $T\bar{\imath}nisa$

Tinisa, syandana, nemī. sarva sāra and aśma garbhaka—these are synonymous.

# भूज्ज

19 20 भूजोंभूयो वहुपुटो मृदुत्वक् सूक्ष्मपत्रकः ।

# Bhūrja

Bhūrja, bhūyas, valnu puṭa, mṛdu tvak and sūkṣma patraka—these are synonymous.

#### पलाश

पलाश किशुकः किम्मी यज्ञको ब्रह्मपादपः । 21 क्षारश्र<sup>©</sup>ठो रक्तपूष्पस्तुवृतः समिदुत्तमः ॥ १७॥

#### Palāśa

Palāśa, kimśuka, kirmī, yajñaka, brahma pādapa, kṣāra śreṣṭha, rakta puṣpa, tṛvṛta and samiduttama—these are synonymous.

धव

Dhava

Dhava, nandi taru, gaura, sakatākhya and dhurandhara—these are synonymous.

धन्वन

Dhanvana

Dhanvana, gotra viţapī, dharmāna and gotra puṣpaka—these are synonymous.

अजकर्ग

Aja karna

Sarja, ajakarna, svedaghna, lutā vrksa and kudehaka—these are synonymous.

व स

Varuna

Varuna, vāruņa, setu, śāka vṛkṣa and kumāraka—these are synonymous.

जिंगिए

Jiṅgini

 $Jingin\bar{\imath}$ ,  $j\bar{a}ngin\bar{\imath}$ ,  $jing\bar{a}$ ,  $sunirj\bar{a}s\bar{a}$ , and  $modik\bar{\imath}$ —these are synonymous.

शल्लकी

29 गधवीरा कूद्रकी सुस्नावा वनकणिका ॥ २१ ॥

#### Śallakī

Šallakī, vallakī, mocā, gaja bhaksyā, maheruņā, gandha vīrā, kundurukī, susrāvā and vana karnīkā—these are synonymous.

# इंगुदी

इंग्दी भिल्लकोवृक्षः कंटकस्तापसद्भुमः ।

### Iṅgudī

Ingudī, bhillaka vṛkṣa, kaṇṭaka and tāpasa druma—these are synonymous.

# करहारी

30 81 करंबरश्च शुण्डीक कटभी तृणशौडिकः ।। २२ ।।

#### Karahārī

Karamvara, sundīka, katabhī and trņa śaundika—these are synonymous.

# मुष्कक

32 मुष्कको मोषको घटा शिखरी क्षुद्रपाटलिः।

# Muskaka

 $\mathit{Muṣkaka}$ ,  $\mathit{moṣaka}$ ,  $\mathit{ghaṇṭ\bar{a}}$   $\mathit{\'sikhar\bar{i}}$  and  $\mathit{kṣudra}$   $\mathit{p\~aṭal\bar{i}}$ —these are synonymous.

# पारिभद्र

पारिभद्रो निबवृक्षो रक्तपुष्पः प्रभद्रकः । कंटकीपारिजातः स्यात मंदारः कंटिकशकः ॥२३॥

### Pāribhadra

Pāribhadra, nimba vṛkṣa, rakta puṣpa, prabhadraka, kaṇṭakī, pārijāta, mandāra and kanṭa kimśuka—these are synonymous,

#### शाल्मली

शाल्मली तूलिनी मोचा कुक्कुटी रक्तपुष्पिका। कंटकाढ्या स्यूलफला पिछिला चिरजीविनी।।२४॥

#### Śālmalī

Śālmalī, tūlinī, mocā, kukkuţī, rakta puṣpikā, kanţakāḍhyā, sthūla phalā pichilā and cirajīvinī—these are synonymous.

# त्रणि

गणेरुक श्रीपतिस्तु नकोन नन्दिपादपः ॥ २५ ॥

#### Tuṇi

Gaņeruka, śrīpatī, nakona and nandi pādapa—these are synonymous.

### सप्तपर्ण

34 सप्तपर्णो गुछपुष्पो छत्री ज्ञाल्मलिपत्रिका।

# Sapta parņa

Sapta parņa, gucha puṣpa, chatrī and śālmali patrikā—these are synonymous.

## हरिद्रा

हारिद्रकः पीतवर्णः श्रीमान् गौरद्रुमोवरः ॥ २६ ॥

### Haridrā

Hāridraka, pīta varņa, śrīmān, gaura druma and vara—these are synonymous.

## करंज

करंजो नक्तमालः स्यात् नक्ताह्वो घृतवर्णेकः।
पृतिकोन्यः पृतिपर्णः प्रकीर्णक्षित्ररिबल्वकः ॥ २७॥

### Karañja

Karañja, nakta māla, naktāhva and ghrta varnaka—these are the synonyms of karañja.

Another variety of it is called pūtika, pūti parņa, prakīrņa and cira bilvaka.

#### करंजी

35 करंजि: काकतिक्ता च वयस्यांगारवल्लरी। 36 37 तिरिणिक्षिगंजःकंटः कंरजीश्चीरिणी द्विपा॥ २८॥

### Karañjī

Karañji, kāka tiktā, vayasyā, angāra vallarī, tirinikṣi, gaja kanṭa, karañjī, cīrinī and dvipā—these are synonymous.

#### शमी

शमी तुंगा शंकुफला पवित्रा केशहृत्फला। लक्ष्मी शिवा व्याधिशमी भुशमी शकराह्वया।। २६॥

### Śamī

Šamī, tungā, śanku phalā, pavitrā, keśa hrt phalā, laksmī, sivā, vyādhi śamī, bhūśamī and śankarāhvayā—these are synonymous.

### शिरीषिका

38 शिरीषिको डिंडिणिका दुर्वालाम्बुशिरीषिकाः ।

# Śirīsikā

 $\hat{S}ir\bar{i}$ şik $\bar{a}$ ,  $\hat{d}in\hat{d}i$ nik $\bar{a}$ ,  $\hat{d}urb\bar{a}l\bar{a}$  and  $\hat{a}mbu$   $\hat{s}ir\bar{i}$ şik $\bar{a}$ —these are synonymous.

# श्ररिष्टक

श्ररिष्टको गर्भेपाती कुंभवीर्य्यश्च फेनिलः । रक्षाबीजो रक्तबीजः पीतफेनार्थसाधनः ॥ ३०॥

### Aristaka

Aristaka, garbha pātī, kumbha vīrya, phenila, rakṣā bīja, pīta phena and artha sādhana—these are synonymous.

#### सिसपा

सिंसिपा कपिला कृष्णा सरा मंडलपित्रका । अन्या कुसिंसिपा भस्मिपगंला स्याद्विशोधिनी ।

Simsapā

Simsipā, kapilā, kṛṣṇā, sarā and maṇḍala patrikā—these are the synonyms of simsapā.

It has another variety whose synonyms are kusimsipā, bhasma pingalā and viśodhinī.

#### ग्रगस्त्य

अगस्त्याह्वो वगसेनो मधुशिग्रुर्मु निद्रुमः ॥ ३१ ॥

Agastya

Agastyāhva, vanga sena, madhu sigru and muni druma—these are synonymous

#### NOTES AND REFERENCES

1 This is the 94th chapter of Ayurveda Saukhyam in Todarānanda and the opening invocation reads as below:

यमादिभियोगिगणैर यो सम्यग्गृहीतु व्रजकामिनीभिः । सुप्रेमवद्धः सगृहं सपुत्रं श्रीटोडरं सर्वं सुख प्रकुर्यात् ।

- 2. 'पदः' इति प्रथमपुस्तके पाठः ।
- 3. 'पटारोहि' इति प्रथमप्स्तके पाठ. ।
- 4. 'स्कदयोध्युवः' इति प्रथमपुस्तके पाठः ।
- 5. 'फलगू' इति षष्ठपुस्तके पाठः ।
- 6. 'म्मेंलपू' इति षष्ठपुस्तके पाठः।

- 7. 'प्लवश्चारवृक्षः' इति षष्ठपुस्तके पाठः ।
- 8. 'हृत्चगो' इति षष्ठपुस्तके पाठः।
- 9. 'श्रार्गटः' इति पंचमपुस्तके पाठः ।
- 10. नम्रो इति प्रथमपुस्तके पाठः ।
- 11. 'मेदापुष्पोन्यस्तोयकामो' इति षष्ठपुस्तके पाठः ।
- 12. 'स्यात्कछपाव्धिका' इति पचमपुस्तके पाठ:।
- 13. 'द्विजकुरिसतः' इति पनमप्स्तके पाठः ।
- 14. 'गुडपला' इति प्रथमपुस्तके पाठः।
- 15. 'शाकः' इति पचमपुस्तके पाठः ।
- 16. 'श्रीकृन्मारीचिपत्रकः' इति प्रथमपुस्तके पाठः ।
- 17. 'दत्रधावन' इति षष्ठपुस्तके पाठ ।
- 18. 'सर्व्वसारोग्यनामकः' इति पष्ठपुस्तके पाठः ।
- 19. 'मृदुलः' इति प्रथमपुस्तके पाठः ।
- 20. 'इलेष्मपत्रकः' इति प्रथमपुस्तके पाठः।
- 21. 'शमिदुत्तमः इति प्रथमपुस्तके पाठ ।
- 22. 'शकटाख्योदु' इति षष्ठपुस्तके पाठः ।
- 23. 'वम्मानो' इति षष्ठपुस्तकै पाठः ।
- 24. 'जिंगिनी' इति पष्ठपुस्तके पाठः।
- 25. 'जंगिनी' इति षष्ठपुस्तके पाठः।
- 26. 'जंगा' इति षष्ठपुस्तके पाठः।
- 27. 'मोदिका' इति पंचमपुस्तके पाठः।
- 28. 'महारुहा' इति पंचमपुस्तके पाठः।
- 29. 'कुंदुरकी' इति षष्ठपुस्तके पाठ.।
- 30. 'कंटभर' इति षष्ठपुस्तके पाठः।
- 31. 'श्वासकुली' इति षष्ठपुस्तके पाठ.।
- 32. 'मोखको' इति प्रथमपुस्तके पाठः।
- 33. 'तुलिन' इति षष्ठपुस्तके पाठः।

- 34. 'शाल्मलिपात्रका' इति पंचमपुस्तके पाठः ।
- 35. 'वयस्थांगारवल्लरी' इति पंचमपुस्तके पाठः।
- 36. 'तिरिणिछ' इति प्रथमपुस्तके पाठः ।
- 37. 'गजकरंज' इति पंचमपुस्तके पाठः ।
- 38. 'डिंडिनि' इति षष्ठपुस्तके पाठः।
- 39. This is the end of 94th chapter of Ayurveda Saukhyam in Todarānanda and the colophon reads as below:

इति श्री महाराजाधिराजटोडरमल्लविरिचते टोडरानंदे आयुर्वेद-सौख्ये निघंटौ वनस्पतिवर्गो अष्टाशीतितमोहर्षः (?)।

### CHAPTER 36

ब्राक्षा

द्राक्षा मधुफला स्वाद्धी हान्हूरा फलोत्तमा।
मृद्धीका मधुयोनिश्च रसाला गोस्तनी गुडा ॥ १ ॥
द्राक्षा पक्वा सरा शीता चक्षुष्या बृहणी गुरुः ।
हंति तृष्णाज्वरण्वासवातवातास्रकामलाः ॥ २ ॥
कृच्छास्रपित्तसमोहदाह— शोफमदात्ययान् ॥
स्रामा स्वल्पगुणा गुर्वी सैवाम्ला रक्तपित्तजित् ॥ ३ ॥
निर्विजान्या लघ द्राक्षा गोस्तनी सदृश गुणैः ।
द्राक्षा पर्वेतजा लघ्वी साम्लाग्लेष्मास्रपित्तजित् ॥४॥

# Drākṣā

Drākṣā, madhu phalā, svādvī, hāra hūrā, phalottamā, mṛdvīkā, madhu yoni, rasālā, gostanī and guḍā—these are synonymous.

Ripe drākṣā is sara (laxative), sīta (cooling), cakṣuṣya

(promoter of eye sight), bṛmhaṇa (nourishing) and guru (heavy). It cures tṛṣṇā (morbid thirst), jvara (fever), śvāsa (asthma), vāta (diseases of nervous system), vātāsra (gout), kāmalā (jaundice), kṛcchra (dysuria), asra pitta (a condition characterised by bleeding from different parts of the body), sammoha (unconsciousness), dāha (burning syndrome), śopha (oedema) and madātyaya (alcoholism).

Unripe drākṣā is inferior in quality and heavy.

The sour variety of drākṣā cures rakta pitta (a condition characterised by bleeding from different parts of the body).

A variety of  $dr\bar{a}k\bar{s}\bar{a}$  is without seed and is similar to gostanī variety in its properties.

The variety of  $dr\bar{a}k\bar{s}\bar{a}$  which grows in the mountains is light and sour. It cures asra pitta.

#### अस्त्र

श्राम्रो वनोत्सवश्च्त सहकारोतिमोरभ ।

माक दः पिकबंधु स्याद्रसालः कामवल्लभ ॥ ५ ॥

आम्रो ग्राही प्रमेहास्रकफिपत्तव्रणान् जयेत् ।

उ तत्फलं साममत्युष्ण रुक्ष दोषत्रयास्रकृत् ॥ ६ ॥

पक्ष्वं तु मधुरं वृष्यं स्निग्ध हृद्यं बलप्रदम् ।

गुरुर्वातहर रुच्य वर्ण्यं शीतमिपत्तलम् ॥ ७ ॥

४

रसस्तस्य सरः स्निग्धो पाचनो बलवर्णंकृत् ।

# $\bar{A}mra$

Āmra, vanotsava, cūta, sahakāra, ati saurabha, mākanda, pika baudhu, rasāla and kāma vallabha—these are synonymous.

Amra is grāhī (constipative) and it cures prameha (obstinate urinary disorders including diabetes) as well as diseases caused by vitiated blood, kapha and pitta and ulcers.

Unripe fruits of āmra is exceedingly hot and ununctuous it vitiates all the three dosas as well blood.

Ripe fruits of āmra is sweet, vṛṣṇa (aphrodisiac), unctuous, hṛdya (cardiac tonic), bala prada (promoter of strength), heavy vāta hara (alleviator of vāta), rucya (relishing), varnya (promoter of complexion), śīta (cooling) and apittala (which does not vitiate pitta).

Juice of  $\bar{a}mra$  is sara (laxative), unctuous,  $p\bar{a}cana$  (carminative) and promoter of strength as well as complexion.

### जम्बु

महाजंबू राजजबू महास्क थो बृहत्फल. ।। ८ ।। क्षुद्रजंबूरुचीरपत्रा मेघामा काकबल्लभाः । जबू सग्राहिणी रूक्षा कफिपत्तव्रणास्रजित् ।। ६ ।। राजजंबूफल स्वादु विष्टिभ गुरु रोचनम् । क्षुद्रजंबूफलं तद्वद्विशेषाद्दाहनाशनम् ।। १० ।।

#### Jambu

Mahā jambū, rāja jambū, mahā skandha and brhat phala—these are the synonyms of bigger variety of jambū.

The smaller variety of jambū is called kṣudra jambū, cīra patrā, meghābhā and kāka ballabhā.

Jambū is samgrāhiņī (constipative) and ununctuous. It cures vitiated kapha, pitta, ulcer and blood.

Rāja jambū fruit is sweet, viṣṭambhi (causing wind formation in abdomen), heavy and rocana (appetiser).

The fruit of  $k sudra jamb \tilde{u}$  is like  $r \tilde{a} ja jamb \tilde{u}$  in property but its special action is to cure  $d \tilde{a} h a$  (burning syndrome).

### नारिकेल

नालिकेरस्तुं गवृक्षो लतावृक्षो महाफलः ।

तृणराजस्त्वक्षफल लागली दृढवीजकम् ॥ ११ ॥
नालिकेरफलं शीतं दुर्ज्जरं बस्तिशोधनम् ।
विष्टंभि वृहणं वल्य वातिपत्तास्रदाह्जित् ॥ १२ ॥
तस्यांभ शीतल हृद्य दीपन शुक्रल लघु ।
तस्मादिष विरोमज्जा शक्रला वातिपत्तिजित ॥१३॥

#### Nārikela

Nālikera, tunga vṛkṣa, latā vṛkṣa, mahā phala, tṛṇa rāja, akṣa phala, lāṅgaḷī and dṛḍha bījala—these are synonymous.

The fruit of nārikera is śīta (cooling), durjara (difficult of digestion), basti śodhana (purifier of urinary bladder), visṭambhi (causing wind formation in abdomen), bṛṁhaṇa (nourishing) and balya (promoter of strength), It cures vitiated vāta, pitta and blood. It also cures dāha (burning syndrome).

Water of nārikela is cooling, hṛdya (cardiac tonic), dīpana (stimulant of digestion), śukrala (promoter of semen) and laghu (light).

Its siro majjā (pith at the top of the tree) of nārikela is promoter of semen and it cures both  $v\bar{a}ta$  and pitta.

# खज्जू रिका

बृहत्खर्जुरिका श्रेणी सफला द्वीपसभवा।
6
पिडखर्जुरिका खर्जुः दुःप्रहर्पास्तु कंटकी।। १४।।
अन्या स्कंधफला स्वाद्वी दुरारोहा मृदुछदा।
7
भूमिखर्जुरिका काको कर्कटी राजकर्कटी।।१४।।
8
खर्जुरिका फल शीत स्वादु स्निग्ध क्षतास्रजित्।
वल्यं हति महत्पत्त भदमूर्छीमदात्ययान्।। १६।।

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तस्मादल्पगुण ज्ञेयमन्यत्खज्जुं रिका फलम् । तन्मज्जामद्भंजा शीता वृष्या पित्तास्रदाहजित ॥ १७॥

Kharjūrikā

Bṛhat kharjūrikā, śreṇī, saphalā and dvīpa sambhavā—these are the synonyms of bigger variety of kharjūra.

Another variety of it is called piņda kharjūrikā, kharju, duḥ praharṣā and kaṇṭakī.

The third variety of it is called skandha phalā, svādvī, durārohā and mrdu chadā.

The fourth variety of it is called bhūmi kharjūrikā, kāka, karkaṭī and rāja karkaṭī.

The fruit of kharjūrikā is cooling, sweet and unctuous. It cures consumption and diseases caused by the vitiation of blood. It is promoter of strength. It cures vitiation of vāyu and pitta, mada (intoxication), mūrchā (fainting) and madātyaya (alcoholism).

Fruits of other varieties of  $kharj\bar{u}rik\bar{a}$  are inferior in quality.

Its mūrdhaja majjā (pith at the top of the tree is cooling and vṛṣya (aphrodisiac). It cures vitiated pitta as well as blood and dāha (burning syndrome).

# सिलेमानी खर्जर

सिलेमान्यपरा लोके मृदुला निट्बंलीफला । सिलेमानी श्रमभ्रांतिदाहम्छिस्निपत्तन्त् ।। १८ ।।

Silemāni kharjūra

Another variety of kharjūra is called silemāni and its synonyms are mṛdula and nirbalī phalā.

Silemāni cures śrama (exhaustion), bhrānti (giddiness), dāha (burning syndrome), műrchā (fainting) and asra pitta

(a condition characterised by bleeding from different parts of the body).

#### कदली

कदली ग्रंथिनी मोचा रंभा वीरा यतछदा।

कदली योनिदोषास्ररक्तपित्तहरा हिमा ।। १६ ।।

तत्कंदः शीतलो बल्यः केश्यः पित्तकफास्रजित्।

तत्फलं मधुरं शीतं विष्टिभ कफकृद्गुरु ।। २० ॥

स्निग्धपित्तास्रतृट्दाह — क्षतक्षयसमीरजित् ।

#### Kadalī

Kadalī, granthinī, mocā, rambhā, vīrā and yata chadā--these are synonymous.

Kaladī cures yoni doṣa (ailments of female genital tract), asra (vitiated blood) and rakta pitta (a disease characterised by bleeding from various parts of the body). It is cooling.

The kanda (rhizome) of this plant is śītala (cooling), balya (strength promoting), and keśya (good for hair growth). It cures vitiated pitta, kapha and blood.

The fruit of  $kadal\bar{\imath}$  is sweet, cooling and vistambhi (which produces gas in the abdomen). It produces kapha. It is heavy and unctuous. It alleviates vitiated pitta and blood. It cures  $d\bar{a}ha$  (burning syndrome), ksata (consumption), ksata (emaciation) and  $vitiated\ v\bar{a}yu$ .

### दाडिम

दाडिमी रक्तकुसुमा दतबीजा शुकप्रिया ।। २१ ॥ दाडिमं दीपन हृद्यं रोचन नातिपित्तलम्। कपायान् रस ग्राहि द्विधा स्वाद्यम्लभेदतः ।। २२ ॥

तयोः स्वादु त्रिदोषघ्नंमम्लं वातवलासहृत्। गृष्काम्लो दाडिमीसार. कुट्टितो वातिपत्तहृत्॥२३॥

### Dādima

Dādimī, rakta kusumā, danta bījā and śuka priyā—these are synonymous.

 $D\bar{a}dima$  is  $d\bar{i}pana$  (digestive stimulant), hrdya (cardiac tonic) and rocana (appetiser), It does not vitiate pitta in excess. Its subsidiary taste (anurasa) is astringent and it is constipative

It is of two types viz., sweet and sour. The sweet variety alleviates all the three *doṣas* where as the sour variety alleviates only *vāta* and *kapha*.

The dried and pounded extract of the sour variety of dādima alleviates vāta and pitta.

#### बदर

बदरी कर्काटी घोंटा करटी युग्मकंटिका ।
11
ग्रन्या स्निग्धछदा कोशफला सौवीरिकापरा ।। २४ ।।
12
हस्तिकोलिः परास्वाद्वी लध्वी कर्क्कं धुबांधवा ।
वदर्या शीतलास्तिक्ता रूक्ष्या पित्तकफापहा ।। २५ ।।
13 14
बदर त्ववरं कौलं फेनिलं कुवलं कुहम् ।
कवर्कं घु हस्वबदरं सकटं कं घु कं घुकम् ।। २६ ।।
पक्वमामं च मधुरं मतं सौवीरकं महत् ।

#### **Badara**

Badarī, karkaṭī, ghoṇṭā, karaṭī and yugma kaṇṭikā—these are synonymous. Another variety of it is called snigdha chadā and kośa phalā. The thirst variety is called sauvīrikā. The fourth variety of it is called hasti koli, parāsvādvī, laghvī and karkandhu bāndhavā.

All these types of vadarī are cooling, bitter and ununctuous. They alleviate pitta and kapha.

The fifth variety of it is called badara, avara kola, phenila, kuvala and kuca. Synonyms of the sixth variety are karkandhu, hrasva badara, samkata, kandhu and kandhuka.

Both the ripe and unripe types of sauvīraka (bigger variety) are sweet in taste.

### लघु बदर

वदरं लघु संग्राहि रुच्यमुष्णं समीरजित् ।। २७॥

16
कफिपत्तकरं तद्वत्कोलं गुरु सरं स्मृतम् ।

18
सौवीरं बदरं शीत भेदन गुरु शुक्रलम् ॥ २८॥

वृंहण पित्तदाहास्रक्षयतृष्णानिलापहम् ।

कक्कं घु मधुर स्निग्ध गुरु पित्तानिलापहम् ॥ २६॥

गुप्तकं मेदाग्निकृत्सर्वे लघुनृष्णाक्लमास्रजित् ।

मरुह्पित्तहर तस्य मण्जा वृष्यो बलप्रदः ॥ ३०॥

# Loghu badara

Badara is light, constipative, appetiser and hot. It alleviates vāyu. Kola aggravates kapha and piatt. It is heavy and laxative.

Sauvīra type of badara is cooling, bhedana (purgative), guru (heavy),  $\hat{s}u\lambda rala$  (promoter of semen) and bṛmhaṇa (nourishing). It alleviates vitiated pitta, dāha (burning syndrome), vitiated blood, k saya (emaciation), tṛṣṇā (morbid thirst) and vitiated vāyu.

Karkandhu is sweet, unctuous and heavy. It alleviates pitta and vāyu.

Dry fruits of all these varieties promote medas (fat) and agni (digestive power). These are light and they cure  $trsn\bar{a}$  (morbid thirst), klama (mental fatigue) and vitiation of blood.

The pulp of this fruit alleviates vāyu and pitta. It is vṛṣya (aphrodisiac) and promoter of strength.

#### क्षीरी

क्षीरी क्षत्रिया राजाह्वा राजादन फलासिनी ।
19
राजन्यस्तस्य भेदोन्यश्चिनुको मुचिलिदकः ॥ ३१ ॥
क्षीरिवृक्षफलं शीतं स्निग्यं गुरु बलप्रदम् ।
तृष्णामूङीमदभ्रांतिक्षयदोषत्रयास्रजित् ॥ ३२ ॥

#### Ksīrī

Kṣīrī, kṣatriyā, rājāhvā, rājādana, phalāsinī and rājanya—these are synonymous.

It has another variety which is called *civuka* and *muci lindaka*.

The fruit of  $k \bar{s} \bar{i} r i v_r k \bar{s} a$  is cooling, unctuous, heavy and promoter of strength. It cures  $t_r \bar{s} n \bar{a}$  (morbid thirst),  $m \bar{u} r c h \bar{a}$  (fainting), mada (intoxication),  $bhr \bar{a} n t i$  (giddiness),  $k \bar{s} a y a$  (emaciation) and all the three vitiated  $do \bar{s} a \bar{s}$  as well as blood.

### प्रियाल

चारो धनः पटः शालः प्रियालो मुनिवल्लभः।

चारः पित्तकफास्रघ्नः तत्फलं मधुरं गुरु ॥ ३३ ॥

22

स्निग्ध सरं मरुत्पित्तदाहतृष्णाक्षतापहम्।

तन्मज्जा मधुरो वृष्यः शुक्रलः त्तवातजित् ॥३४ ॥

## Priyāla

Cāra, dhana, paṭa, śāla, priyāla and muni vallabha—these are synonymous.

Cāra cures vitiated pitta, kapha and blood.

Its fruit is sweet, heavy, unctuous and laxative. It cures vitiated vāta and pitta, dāha (burning syndrome), tṛṣṇā (morbid thirst) and kṣata (consumption).

The pulp of the fruit of priyāla is sweet, vṛṣya (aphrodisiac) and śuk rala (spermatopoetic) It cures vitiated pitta and vāta.

#### परुषक

परुषको मृदुफलो परुषो शोषणः परः ।
परूषकं कषायाम्लमामं पित्तकरं लघु ।। ३५ ।।
पक्व तु मधुर पाके शीतं विष्टंभि बृंहणम् ।
हृद्यं तृट्पित्तदाहास्रक्षतक्षयसमीरजित् ।। ३६ ।।

### Paruşaka

Paruşaka, mṛdu phala, paruşa and sosana—these are synonymous.

Unripe Paruṣaka is astringent and sour in taste. It vitiates pitta and is light.

Ripe variety of paruṣaka is sweet in vipāka (taste that emerges after digestion), cooling, viṣṭambhi (produces gas in abdomen), bṛmhana (nourishing) and hṛdya (cardiac tonic). It cures tṛṭ (morbid thirst), vitiated pitta, dāha (burning syndrome), vitiated blood, kṣata (consumption), kṣaya (emaciation) and vitiated vāyu.

# तिदुक

विदुकः स्यंदनः स्फौर्य कालसारक्च रावणः।
काकपीलु स्यादपरो अन्यच्च विषतिदुका ॥ ३७ ॥
तिदुको व्रणवातघ्नः तत्सारः पित्तरोगजित् ।
आममस्य फल ग्राहि वातलं शीतल लघु ॥ ३८ ॥
पवव पित्तप्रमेहास्रक्षेष्मघ्न विश्वदं गुरु ।
25
विषतिदुकमण्येवं विशेषाद्ग्राहि शीतलम् ॥ ३६ ॥

#### Tinduka

Tınduka, syandana, sphaurya, kāla sāra, rāvaṇa and kāka pīlu—these are the synonyms of tinduka.

There is another variety (which is different) which is called vişa tindukā.

Tinduka cures ulcers and vitiated vāta. Its pulp (sāra) cures diseases caused by pitta.

The unripe fruit of it is constipative,  $v\bar{a}tala$  (vitiater of  $v\bar{a}ta$ ), cooling and light.

The ripe fruit alleviates vitiated pitta, prameha (obstinate urinary disorders including diabetes), vitiated blood & kapha, visada (non slimy) and heavy.

Vișa tinduka is specially constipative (grāhi) and cooling.

# **किंकि**रगी

किंकिणी ग्रंथिका व्याझी पादो देवतरूव्वेरः।
किंकिणी तुवरा तिक्ता पित्तश्लेष्महरा हिमा।।४०।।
तत्फलं वातलं त्वामं पववं स्वाद् त्रिदीषजित्।

### Kimkinī

Kimkiņī, granthikā, vyāghrī, pāda, deva taru and vara—these are synonymous.

Kimkinī is pungent and bitter. It alleviates pitta and slesman. It is cooling.

Unripe fruit of kimkinī aggravates vāyu. The ripe fruit is sweet and it cures all the three vitiated doṣas.

#### श्रार

श्रारुष्क वीरसेनं च जातिभेदाच्चतुर्व्विधम् ॥ ४१॥ 26 भ्रारुष्कं जारण वातमेहार्शः,कफनाशनम् ।

#### Āru

 $\bar{A}ru\bar{s}ka$  and  $v\bar{i}ra$  sena—these are synonymous. It is of four types.

Āruṣka promotes digestion (jāraṇa) and it cures vitiated vāta, meha (obstinate urinary disorders including diabetes), arsas (piles) and vitiated kapha.

## मध्क

मधूको मधुकस्तीक्ष्णसारः स्याद्गूढपुष्पकः ॥ ४२ ॥ जेलाफलो मधुष्टीलो मधुकोष्ठो महाद्रुमः । मधूकोन्यो ह्रस्वफलो मध्वगो दीर्घपत्रकः ॥ ४३ ॥ मधूकोन्यो ह्रस्वफलो मध्वगो दीर्घपत्रकः ॥ ४३ ॥ मधूकः कफवातघ्नः कषायो व्रणरोपणः । तत्पुष्प मधुर बल्यं शीतलं गुरु बृंहणम् ॥ ४४ ॥ फल शीत गुरुस्वादुशुक्रलं वातिपत्तिजित् । अहुद्यं हित तृष्णास्रदाहश्वासक्षतक्षयान् ॥ ४५ ॥

#### Madhūka

Madhūka, madhuka, tīkṣṇa sāra, gūḍha puṣpaka, jelā phala, madhuṣṭīla, madhu koṣṭha and mahā druma—these are synonymous.

Another variety of madhūka is called hrasva phala, madhvaga and dīrgha patraka.

Madhūka alleviates kapha and vāta. It is astringent and it helps in the healing of ulcers.

The flower of madhūka is sweet, balya (promoter of strength), cooling, heavy and bṛṁhaṇa (nourishing).

Its fruit is cooling, heavy, sweet and śukrala (spermatopoetic). It alleviates vāta and pitta. It is ahrdya (not good for heart). It cures tṛṣṇā (morbid thirst), vitiated blood, dāha (burning syndrome), śvāsa (asthma), kṣata (consumption) and kṣaya (emaciation).

पनस

पनसः कटिकिफलस्त्वाशपा गर्भक हकः ।
पनसं शीतल पक्वं स्निग्धं पित्तानिलापहम् ।। ४६ ।।
वलशुक्रप्रदं हति रक्तपित्तक्षतक्षयान् ।
ग्राम तदेव विष्टभि वातल त्वरंगुरु ।। ४७ ॥

#### Panasa

Panasa, kantaki phala, āmsapa and garbha kantaka—these are synonymous.

Ripe panasa is cooling and unctuous. It alleviates pitta and  $v\bar{a}ya$ . It promotes strength and semen. It cures rakta pitta (a condition characterised by bleeding from different parts of the body), ksata (consumption) and ksaya (emaciation).

Unripe panasa is vistambhi (wind forming). It aggravates vāyu and it is astringent a well as heavy

### लकुच

लकुचं शुद्रपनसो लकुचोग्रंथिमत्फलः । लकुचं गुरु विष्टंभ्रि स्वाद्वम्लं रक्तपित्ताजित् ॥ ४८ ॥ इलेष्मकारि समीरघ्नमुष्णं शुक्राग्निनाशनम् ।

#### Lakuca

Lakuca, kṣudra panasa and granthimat phala—these are synonymous.

Lakuca is heavy, viṣṭambhi (wind forming) and sweet and sour in taste. It cures rakta pitta (a disease characterised by bleeding from different parts of the body). It aggravates kapha and alleviates vāta. It is hot. It reduces the semen as well as the power of digestion.

#### ताल

तालो ध्वजो दुरारोहस्तृणराजो महाद्रुम. ॥ ४६ ॥

तालवृक्षो मरुत्पित्तव्रणजित् मदशुककृत् । तत्फलं शीतलं बल्यं स्निग्धं स्वादुरसं गुरु ॥ ५०॥ विष्टंभि वातपित्तास्नाक्षतदाहक्षयाश्वहम् । बीजं मूत्रकरं विष्टं वातपित्तहरं हिम ॥ ५१॥

Tāla.

Tāla, dhvaja, durāroha, tṛṇa rāja and mahā druma—these are synonymous.

Tāla cures vitiated vāta, pitta and ulcer. It produces mada (intoxication) and śukra (semen).

Its fruit is cooling, strength promoting, unctuous, sweet, heavy and viṣṭambhi (wind forming). It cures vitiated vāta, pitta and blood. It also cures kṣata (consumption), dāha (burning syndrome) and kṣaya (emaciation).

Its seed is diuretic and wind forming. It alleviates  $v\bar{a}ta$  and pitta. It is cooling.

# खब् ज

खर्ब्जं फलराजं स्यादमृताह्वं दशांगुलम् । खर्बूजं मूत्रल बल्यं कोष्ठशुद्धिकरं गुरु ।। ५२ ॥ 30 स्निग्ध स्वादुकरं शीतं वृष्यं पित्तानिलापहम् ।

# Kharbūja

Kharbūja, phala rāja, amṛtāhva and daśāṅgula—these are synonymous.

Kharbūja is diuretic, strength promoting, laxatixe, heavy, unctuous, sweet, cooling and vṛṣya (aphrodisiac). It alleviates pitta and vāta.

### सेव

मुष्टिप्रमाण वरुदं सेवं सिवितिकाफलम् ॥ ५३॥

फल सिवितिकापूर्वं वातिपत्तहर गुरु।
वृंहण कफकृद्वृष्य स्वादुपाक सर हिमम्।। ५४।।
ग्रन्यदंभफल चापो महासिवितिका फलम्।
तत्फल सेव्यगुणकृद्विशेषात्तुवरं हिमम् ।। ५५।।

Seva

Muști pramāņa, varuda, seva and simbitikā phala—these are synonymous.

The fruit of simbitikā alleviates vāyu and pitta. It is heavy, brmhana (nourishing), kaphakṛt (aggravater of kapha), vṛṣya (aphrodisiac), svādu pāka (sweet in taste after digestion), laxative and cooling.

Another variety of it is called ambha phala,  $\bar{a}pa$  and mahā simbitikā phala. Its properties are similar to those of seva. It is specially cooling.

### ग्रमृत

अमृताह्वं रुचिफलं लघुबिल्वफलाकृतिः । भ्रमृतं गुरुवातच्न स्वाद्धम्लं रुचिशुक्रकृत् ॥ ५६॥

### Amṛta

Amṛtāhva, ruci phala and laghu bilva phalākṛti—these are synonymous.

Amṛta is heavy, alleviator of  $v\bar{a}ta$ , sweet, sour and appetiser. It is spermatopoetic.

#### बादाम

बादाम सुफलं वातवैरि नेत्रोपम फलम् । बादाममुष्ण सुस्निग्ध वातध्न बलशुककृत्।। ५७॥

#### Bādāma

Bādāma, suphala, vāta vairi and netropama phula—these are synonymous.

 $B\bar{a}d\bar{a}ma$  is hot and exceedingly unctuous. It alleviates  $v\bar{a}yu$ . It promotes strength and semen.

# निकोचक, पिस्ता

निकोचकं दारुफल मकोष्ठ जलगोजकम् ।
33
पिस्तं मुकूलक ज्ञेय दतीफलसमाकृति ।। ५८ ।।
निकोचक गुरुस्निग्ध वृष्योष्ण स्वादु बृहणम् ।
रक्तप्रसादन बल्यं वातष्नं कफिपत्तकृत् ।। ५६ ।।
तद्वत् मुकुलकं ज्ञेयं विशेषात् गुरु दुर्ज्जरम् ।

### Nikocaka, Pistā

Nikocaka, dāru phala, makoṣṭha and jala gojaka—these are the synonyms of nikocaka.

Pista, mukūlaka and dantī phala samākṛti—these are the synonyms of pistā.

Nikocaka is heavy, unctuous, vṛṣya (aphrodisiac), hot, sweet and brmhana (nourishing). It is hemopoetic and strength promoting It alleviates vāta and aggravates kapha as well as pitta.

Mukulaka has similar properties It is especially heavy and difficult for digestion.

## केला

केलानामामवातघ्नमम्लोष्णं रेचन गुरु । पक्व स्वादु हिमं बल्य वातिपत्तिविनाशनम् ॥ ६० ॥

#### Kelā

Unripe  $kel\bar{a}$  alleviates  $v\bar{a}yu$ . It is sour, hot, purgative and heavy.

Ripe kela is sweet, cooling and strength promoting. It alleviates vāyu and pitta.

#### ग्रारु

अभ् त्रालूकभल्लूभल्लूकं भल्लूरक्तफलं तथा । अठ आलुकं रसनं शीतं स्वाद्वम्लवातिपत्तहृत् ॥ ६१॥

Āru

 $\overline{Al\bar{u}}ka$ ,  $bhall\bar{u}$ ,  $bhall\bar{u}ka$  and  $bhall\bar{u}$  rakta phala—these are synonymous.

Ālūka is juicy (rasana), cooling, sweet and sour. It alleviates vāta and pitta.

#### श्रंजीर

भ्रं जीरं मंजुल ज्ञेयं काकोदुंबरिका फलम् । भंजीरं शीतलं स्वादु गुरु पित्तास्त्रवातिजत् ॥ ६२ ॥

Añjīra`

Añjīra, mañjula and  $k\bar{a}kodumbarik\bar{a}$  phala—these are synonymous.

 $A\tilde{n}j\bar{i}ra$  is cooling, sweet and heavy. It alleviates pitta, rakta and  $v\bar{a}ta$ .

### ग्रक्षोट

यक्षोडको वृंतफलो कंदरालः पृथुछदः । 36 यक्षोटं मधुरं बल्यं गुरूष्ण वातहृत्सरम् ॥ ६३ ॥

Aksota

Akṣoḍaka, vṛnta phala, kandarāla and pṛthu chada—these are synonymous.

Akşoţa is sweet, strength promoting, heavy, hot, alleviater of vāta and laxative.

#### पालेवक, मालवक

पालेवतं सितपुष्पं तिदुकाभफलं मंतम् । अन्यत् मालवक ज्ञेयं महापालेवतं तथा ॥ ६४ ॥ पालेवतं हिमं स्वादु गुरुष्णं विह्नवातजित् । तद्वत् मालवक हृद्य तृष्णाघ्निमिष्टसस्तकम् ॥ ६४ ॥

#### Pālevaka & Mālavaka

Pālevata, sita puspa and tindukābha phala—these are synonymous.

Another variety of it is called mālavaka and mahā pālevata phala.

 $P\bar{a}levata$  is cooling, sweet, heavy and hot. It suppresses digestive power and alleviates  $v\bar{a}yu$ .

 $M\bar{a}lavaka$  is hrdya (cardiac tonic). It cures  $trsn\bar{a}$  (morbid thirst). It is useful for brain (mastaka).

# तूत

37 तूदं भूद ब्रह्मकाप्ठं ब्रह्मण्य ब्रह्मदारु च । 39 तूदं गुरु हिमं पक्वं स्वाद्पित्तानिलापहम् ॥ ६६ ॥

#### Tūta

Tūda, bhūda, brahma kāṣtha, brahmaṇya and brhma dāru—these are synonymous.

Ripe  $t\bar{u}da$  is heavy, cooling and sweet. It alleviates pitta and anila.

# गांगेरुक. तोदन

गांगेरुकं कर्कटकं कर्कटं मृगलेडकम् । तोदनं ऋंदनं धान्य मृगपिछद्श तथा ॥ ६७॥ गागेरु रुचन पक्त गुरु वातास्निपतिजित् ।। ६८ ॥
तोदन ग्राहि मधुरं वातिपत्तहर लघु ।
तृतादि त्रितयं चाममम्लं गुरु तु पित्तलम् ॥ ६८ ॥

### Gāngerūka & Todana'

Gāngeruka, karkaṭaka, karkaṭa and mṛga leṇḍaka—these are the synonyms of gāngeruka.

Todana, krandana, dhānya and mṛga picha dṛśa—these are synonymous.

Ripe gāngeru is purgative and heavy. It alleviates vāta, blood and pitta.

Todana is constipative and sweet. It alleviates vāta and pitta. It is light.

Unripe tūta, gāngeruka and todana are sour and heavy. They aggravate pitta.

# तुवरक

वृक्षस्तुवरको ज्ञेयोभल्लातकसमो गुणै: ।
40 41
कथाय तत्फलं पत्रैः केसराभः समुद्रजः ॥ ७० ॥
तौवरं कफजित्पाके कट्रुण व्रणमेहजित ।

#### Tuvaraka

Tuvaraka tree has properties like those of bhallātaka. Its fruit is astringent in taste. Its leaves are like kesara and it grows near sea.

The fruit of tuvara alleviates kapha. In vipāka (taste after digestion) it is pungent.

It is hot and it cures ulcer and meha (obstinate urinary disorders including diabetes).

# बोजपूरक

बीजपूरो मातुलुंगः केसरी फलपूरक ।। ७१ ॥ वीजपूरफलं रुच्यं रसेऽम्लं दीपनं लघु । रक्तिपत्तकर कंठिजिह्वाग्रशोधनं परम् ॥ ७२ ॥ त्वचोऽस्य तिक्तगुर्व्वम्लं कृमिवातकफापहम् । तन्मांसं बृंहणं शीतं गुरु पित्तसमीरिजित् ॥ ७३ ॥ ४३ केसरं लघु संग्राहि शूलगुल्मोदरापहम् । बीजमुष्ण कृमिश्लेष्मवातिजिद्गर्भदं गुरु ॥ ७४ ॥ तत्पुष्पं शीतलं ग्राहि रक्तिपत्तहरं लघु ।

Bīja pūraka

 $B\bar{\imath}ja$   $p\bar{u}ra$ ,  $m\bar{a}tulu\dot{n}ga$ ,  $kesar\bar{\imath}$  and phala  $p\bar{u}raka$ —these are synonymous.

The fruit of  $b\bar{i}ja$   $p\bar{u}ra$  is appetiser. It is sour in taste. It stimulates digestion and is light. It causes rakta pitta (a disease characterised by bleeding from different parts of the body) It cleanses throat and tip of the tongue.

The skin of the fruit of  $b\bar{\imath}ja$   $p\bar{u}raka$  is bitter, heavy and sour. It cures  $krm\bar{\imath}$  (intestinal parasites). It alleviates  $v\bar{a}ta$  and kapha.

The pulp  $(m\bar{a}\dot{m}sa)$  of bija  $p\bar{u}raka$  is bṛmhaṇa (nourishing), cooling and heavy. It alleviates pitia and  $v\bar{a}yu$ .

Its kesara (pistil) is light and constipative. It cures śūla (colic pain), gulma (phantom tumour) and udara (obstinate diseases of abdomen including ascitis).

Its flower is cooling and constipative. It cures rakta pitta (a disease characterised by bleeding from different parts of the body) and it is light.

# मध्कर्कटिका

मधुकवर्क टिका स्वादुर्जु गी घंटालिका घटा ।। ७५ ।।
मधुकवर्क टिका शीता रक्तपित्तहरा गुरुः ।

Madhu karkaţikā

Madhu karkaţikā, svādu, lungī, ghanţālikā and ghaţā—these are synonymous.

Madhu karkaţikā is cooling. It cures rakta pitta (a disease characterised by bleeding from different parts of the body). It is heavy.

### नारंगी

नारंगको नागरंगो गोरक्षो योगसाधकः ॥ ७६॥ नारंगमम्लं मधुरं रुच्यं वातहरं सरम् ॥ स्वाद्धम्लमपरं हृद्यं दुर्ज्जरं वातनाशनम् ॥ ७७॥

# Nārangī

Nārangaka, nāgaranga, gorakṣa and yoga sādhaka—these are synonymous.

Nāranga is sour and sweet in taste. It is appetiser. It alleviates vāta. It is laxative.

Another variety of it which is also sweet and sour, is hrdya (cardiac tonic) and durjara (difficult for digestion). It alleviates vāta.

### जंबी रक

जंबीरको दंतराठो जंभीलो जंभलो मतः । जंबीरमुष्णं शूलघ्नं गुरुष्णं कफवातजित् ।। ७८ ॥ ग्रास्यवैरस्य—हत्पीडाविह्नमांद्यकृमीन्जयेत् ।

#### Jambīraka

Jambīraka, danta satha, jambhīla and jambhala—these are synonymous.

Jambīra is hot and it cures śūla (colic pain). It is heavy and hot. It alleviates kapha and vāta. It cures āsya vairasya (distaste in the mouth), hṛt pīḍā (pain in cardiac region), agni māndya (suppression of the power of digestion) and kṛmi (intestinal parasites).

### अम्लवेतस

अम्लोऽम्लवेतसः चुक्रो वेतसः स्वरभेदकः ॥ ७६ ॥ अम्लवेतसमत्युष्णं भेदनं लघु दीपनम् । ४८ इद्रोगशूलगुल्मघ्नं पित्तास्रकफदूषणम् ॥ ५० ॥

#### Amla vetasa

Amla, amla vetasa, cukra, vetasa and svara bhedaka—these are synonymous.

Amla vetasa is exceedingly hot, purgative, light and digestive stimulant. It cures hrd roga (heart disease), śūla (colic pain) and gulma (phantom tumour). It vitiates pitta, blood and kapha.

#### साराम्लक

साराम्लकः सारफलो रसाल सारपादपः । साराम्लमम्लं वातव्नं गुरु पित्तकफप्रदम् ॥ ८१॥

## Sčrāmlaka

Sārāmlaka, sāra phala, rasāla and sāra pādapa—these are synonymous.

 $S\bar{a}r\bar{a}mla$  is sour. It alleviates  $v\bar{a}yu$ . It is heavy and it aggravates pitta and kapha.

## नि इक

नत्रुकं निवूकं राजनिबूकमपरं स्मृतम् ।

निबुकं पाचनं हृद्यं तीक्ष्णोष्णं कफवातिजत् ।। ८२ ।।

निबुकमम्लं वातघ्नं पाचनं दीपन लघु ।

राजिनवूफलं स्वादुर्गु रुपित्तसमीरिजत् ।। ८३ ।।

निबुकं कृमिसमूहनाशनं तीक्ष्णमाममुदरग्रहापहम् ।

वातिपत्तकफशूलनाशनं नष्टधातुरुचिशोधन परम् ।। ८४ ।।

त्रिदोषसद्यज्वरपीडितानां दोषश्चिताना विषमज्वराणाम् ।

मलक्षये बद्धगदे हितं च विष्चिकानां मृनयो वदन्ति ।। ८५ ।।

#### Nimbuka

Nimbuka and nibūka—these are the synonyms of nimbu.

It has another variety which is called rāja nimbūka.

Nibuka is pācana (carminative), hṛdya (cardiac tonic), sharp and hot. It alleviates kapha and vāta.

Nimbuka is sour, vātaghna (alleviater of vāta), pācana (carminative), dīpana (digestive stimulant) and light.

The fruit of  $r\bar{a}ja$   $ni\dot{m}bu$  is sweet and heavy. It alleviates pitta and  $v\bar{a}yu$ .

Nimbuka destroys all types of kṛmi (parasites). It is sharp in action. It cures āma (product of improper digestion and metabolism), udara (obstinate abdominal disorders including ascitis) and graha (planetary afflictions). It cures the vātika, paittika and ślaiṣmika types of śūla (colic pain). It replenishes and cleanses the vitiated dhātus. It is useful for patients suffering from acute (sadya) fever caused by the vitiation of all the three doṣas and viṣama jvara (irregular fever) caused by the accumulation of vitiated doṣas. It is also useful when there is diminution of waste products (mala) and when there is obstruction in the anus. It cures visūcikā (choleric diarrhoea).

## कर्मरंग

कर्म्मरंग रामफलं भन्यं पिच्छिलबीजकम्

कम्मेरंगं हिमं ग्राहि स्वाद्वम्लं कफिपत्तजित्।। ८६ ॥

## Karma ranga

Karma ranga, rāma phala, bhavya, and picchila bījaka—these are synonymous.

Karma ranga, is cooling, constipative, sweet and sour. It cures kapha and pitta.

## ग्रम्लिका

अम्लिका चुक्रिका चिंचा तित्तिडी शुक्ति चंडिका।

प्रम्लिकामा गुरुव्वतिहरा पित्तकफास्रकृत् ।। ८७ ।।

पक्वा तद्वत्सरा रुच्या विह्नवस्तिविशुद्धिकृत् ।

शुष्का हृद्या श्रमभ्रांतितृष्णाक्लमहरा लघुः ॥ ८८ ॥

### Amlikā

Amlıkā, cukrikā, ciñcā, tittidī, śukti and caṇḍikā—these are synonymous.

Unripe  $amlık\bar{a}$  is heavy. It alleviates  $v\bar{a}ta$  and vitiates pitta, kapha and blood.

Ripe  $amlik\bar{a}$  is laxative and appetiser. It is a digestive stimulant and it cleanses the urinary bladder.

Dried amlikā is hṛdya (cardiac tonic). It cures śrama (exhaustion), bhrānti (giddiness), tṛṣṇā (morbid thirst) and klama (mental fatigue). It is light.

## तित्तिडीक

तित्तिडीकं तु वृक्षाम्लमम्लशाकोम्लपादपः ।
तित्तिडीकं समीरध्नमाममुष्णं परं गुरु ॥ ८६ ॥
तत्फलं लघु संग्राहि ग्रहणीकफवातजित् ।

### Tittidīka

Tittiqīka, vṛkṣāmla, amla śāka and amla pādapa—these are synonymous.

Unripe tittiqīka alleviates vāyu. It is uṣṇa (hot) and exceedingly heavy.

Its fruit is light and constipative, It cures grahanī (sprue syndrome), kapha and vāta.

## करमर्व

करम हैं: सुषेणस्याद्वन्याकृष्णकलापरा ।। ६० ।।

करम हैं गुरूष्णाम्लं रक्तिपत्तकफप्रदम् ।

तत्पक्वं मधुर रुच्यं लघु पित्तसमीरिजत् ।। ६१ ।।

शुष्कं पक्ववदस्यामंपक्वमप्यार्द्वमामवत् ।

#### Karamarda

Karamarda, suṣeṇa, vanyā and kṛṣṇa phalā—these are synonymous.

Karamarda is heavy, hot and sour. It produces rakta pitta (a disease characterised by bleeding from different parts of the body) and kapha.

Ripe karamarda is sweet, appetiser and light. It alleviates pitta and vāyu.

Dried karamarda is like ripe karamarda in its properties.

Unripe but dried karamarda is like green unripe karamarda in property.

## कपित्थ

कपित्थको दिधिफलः कपित्थः सुरिभछदः ॥ ६२ ॥ कि ।। कि ।। कि विषयमामं संग्राहि लघु दोषत्रयापहम् । पनव गुरु तृषाहिनकाशमनं वातिपत्तिजित् ॥ ६३ ॥

स्वाद्धमलं तु वरं कंठशोधनं ग्राहि दुर्ज्जरम् ।

Kapittha

Kapitthaka, dadhi phala, kapittha and surabhi chada—these are synonymous.

Unripe variety of *kapittha* is constipative and light. It alleviates all the three *doşas*.

Ripe kapittha is heavy. It cures  $trs\bar{a}$  (morbid thirst),  $hikk\bar{a}$  (hiccup) and vitiated  $v\bar{a}ta$  as well as pitta. It is sweet and sour. It cleanses the throat. It is constipative and it is difficult of digestion.

### कपित्थपत्री

कपित्थपत्री फणिजा कुलजा निबपित्रका ।। ६४ ।। कपित्थपत्री तीक्ष्णोष्णा कफमेहविषापहा ।

Kapittha patrī

Kapittha patrī, phaņijā, kulajā and nimba patrikā—these are synonymous.

Kapittha patrī is sharp and hot. It alleviates kapha, meha (obstinate urinary disorders including diabetes) and poisoning.

#### श्राम्रातक

51 आम्रातकश्चाम्रतटः पत्लीशो द्रुफलः कपिः ॥ ६५ ॥ श्राम्रातमाम वातध्न गुरूष्णं रुचिक्रत्सरम् ॥ पक्वं स्वादु हिम वृष्यं मरुन्पित्तकफास्रजित् ॥६६॥

## Āmrātaka

 $\bar{A}mr\bar{a}taka$ ,  $\bar{a}mra$  tata, palliśa, druphala and kapi—these are synonymous.

Unripe  $\bar{a}mr\bar{a}ta$  alleviates  $v\bar{a}ta$ . It is heavy, hot, appetiser and laxative.

Ripe āmrātaka is sweet, cooling and vṛṣya (aphrodisiac).

It alleviates vāyu, pitta, kapha and blood.

#### राज स्न

<sup>52</sup> राजाम्रब्टक म्राम्रातः कामाह्वो राजपुत्रकः ।

.राजाम्नं मधुर शीतं ग्राहि पित्तकफापहम् ॥ ६७॥

Rājāmra

Rājāmra staka, āmrāta, kāmāhva, and rāja putraka—these are synonymous.

Rājāmra is sweet, cooling and constipative. It alleviates both pitta and kapha.

## चत्रमल, पंचाम्ल

वृक्षाम्लसुषेणि चचाकिपित्थैश्चतुराम्लकम् ।

ग्रम्लवेतसवृक्षाम्लदािं बदरैः वविचत् ।। ६ ।।

बीजपूरचतेरेतैः पंचाम्लमिदितं बुधैः ।

## Caturamla, Pañcāmla

Vrkṣāmla, suṣeṇa, ciñcā and kapittha—these four taken together are known as caturamla.

According to some, amla vetasa, vṛkṣāmla, dāḍimī and bcdara—these four taken together are called caturamlaka.

Added with bijapūra or cuta, they are called pañcāmla.

## कोशःम्र

कोशाम्त्रको घनस्कंधो जंतुवृक्षः सुकोशकः ॥ ६६ ॥ कोशाम्रः कुष्ठशोथास्रपित्तव्रणकफापहः । तत्फलं ग्राहि वातघ्नमम्लोष्णं गुरु पित्तलम् ॥१००॥ मण्जा पित्तसमीरघ्नः स्वादुक्वंल्योऽग्निदीपनः ।

#### Kośāmra

Kośāmra, ghana skandha, jantu vṛkṣa and sukośaka—these are synonymous.

Kośāmra cures kuṣṭha (obstinate skin diseases including leprosy), śotha (oedema), rakta pitta (a disease characterised by bleeding from different parts of the body), vraṇa (ulcer) and vitiated kapha.

Its fruit is constipative, alleviater of  $v\bar{a}ta$ , sour, hot and heavy. It aggravates pitta

Its fruit pulp alleviates pitta and vāyu. It is sweet and strength promoting. It stimulates the power of digestion.

# सुपारी

कमुकं कृमिकं पूगं पूगीफलमुदाहृतम् ॥ १०१॥ पूगं गुरु हिमं रुक्ष कषायं कफिपत्तिजित् । 53 मोहन दीपनं रुच्यं ग्रास्यवैरस्यनाशनम् ॥ १०२॥ आर्ज्ञस्नद्गुर्वभिष्यंदि विह्नदृष्टिहरं परम् । स्वन्नं त्रिदोषहृत्सर्ग्वं तद्भेदान् तद्वदादिशेत्॥१०३॥

## Supārī

Kramuka, krmika,  $p\bar{u}ga$  and  $p\bar{u}g\bar{\imath}$  phala—these are synonymous.

Pūga is heavy, cooling, ununctuous and astringent. It alleviates kapha and pitta. It is mohana (intoxicating), dīpana (digestive stimulant), and rucya (appetiser) It cures āsya vairasya (distaste in mouth)

Wet pūga is heavy and abhiṣyandi (which obstructs the channels of circulation). It suppresses the power of digestion (vahni) and reduces eye sight (dṛṣṭi) in excess.

The boiled  $p\bar{u}ga$  alleviates all the three dosas.

It has many varieties and all of them have similar properties.

## तांबूल

तांबूल वल्ली तांबूली नागिनी नागवल्लरी ।
तांबूल विशद रुच्यं तीक्ष्णोष्ण तुवर सरम् ।। १०४ ।।
तिक्तं क्षारोषणं काम्यं रक्तपित्तहरं लघु ।
55
बल्यं रेलेष्मास्यदौर्गंध्यं मेहवातश्रमापहम् ।। १०५ ।।

#### Tāmbūla

Tāmbūla, vallī, tāmbūlī nāginī and nāga vallarī—these are synonymous.

Tāmbūla is viśada (non slimy), appetiser, sharp, hot, pungent, laxative, bitter, kṣāra (alkaline) and uṣaṇa (saline and alkaline). It is kāmya (stimulant of passion). It alleviates rakta pitta (a disease characterised by bleeding from different parts of the body). It is light. It promotes strength. It cures vitiated kapha, āsya daurgandhya (foul smell from mouth), meha (obstinate urinary disorders including diabetes), vitiated vāta and śrama (exhaustion).

### लवली

घनस्कंघं महत्प्रांशु प्रपुत्नाटः समंछदः । सुगधमूला लवली पांडुकोमलवत्कला ॥ १०६॥ लवल्याः फलमुद्दिष्ट समं ज्योत्स्नाफल तथा । लवलीफलमस्रार्शोवातिपत्तहरं लघु ॥ १०७॥

### Lavalī

Ghana skandha, mahat prāmśu, prapunnāṭa, samam chada, sugandha mūlā, lavalī, pāṇḍu komala valkalā—these are synonymous.

The fruit of lavalī is like that of jyotsnā in property.

The fruit of lavalī cures vitiated blood, arśas (piles), vitiated vāta and pitta. It is light.

फलतुल्यं गुणं सर्व्व मज्जानमिप निर्द्शित् ।
फलं हिमान्निदुर्व्वतिव्यालकीटादिदूपितम् ॥ १० ॥
ग्रकालजातं नाश्नीयात् पाकातीतमभूषितम् ।
ठ६
ग्रामं दोषकरं प्रायः फलं बिल्वं विनाऽखिलम् ॥१० ६॥

General description of fruits

The pulp of the fruit has the property of the fruit itself.

Fruits which are afflicted by snow, fire, storm, wild animals, and insects and which are unseasonal should not be eaten. Similarly, excessively ripe fruits should not be eaten

All fruits in general produce āma doṣa (a product of improper digestion and metabolism). The fruit of bilva is an exception to this general rule.

### NOTES AND REFERENCES

1. This is the 95th chapter of Ayurveda Saukhyam in Todarānanda, and the opening invocation reads as below:

> हरिप्रिया प्रीतिमती प्रियेण प्रियान्विते टोडरमल्लभूपे । भूयात्सदा श्रीहरिणा सपुत्रे यशोधिके ब्राह्मणधर्म्ममित्रे ।

- 2. 'हारहुरा' इति पंचमपुस्तके पाठः।
- 3. 'दोषत्रयाहृत्' इति प्रथमपुस्तके पाठः।
- 4. 'रोचनो' इति षष्ठपुस्तके पाठः ।
- 5. 'तद्वद्विशेषाद् वातनाशनम्' इति षष्ठपुस्तके पाठः ।

- 6. 'कंटका' इति पंचमपुस्तके पाठः ।
- 7 'कक्करी' इति षष्ठपुस्तके पाठः।
- 'खर्ज्रीका' इति षष्ठपुस्तके पाठ. ।
- 9. 'लिंवसी' इति षष्ठपुस्तके पाठः ।
- 10 'पीनछदा' इति पंचमपुस्तके पाठ । 'यत्वचा' इति षष्ठपुस्तके पाठः ।
- 'काश्रपाला' इति पष्ठपुस्तके पाठः ।
   'कोश्रपाला' इति प्रथमपुस्तके पाठः ।
- 12. 'हस्तिकोल: इति षष्ठपुस्तके पाठः।
- 13. 'बहुलं' इति षष्ठपुस्तके पाठः ।
- 14. 'कुलं' इति षष्ठपुस्तके पाठः ।
- 15. 'सग्राही' इति पंचमपुस्तके पाठः।
- 16. 'कफपित्तहरं' इति षष्ठपुस्तके पाठः ।
- 17. 'त रं' इति षष्ठपुस्तके पाठः ।
- 18. 'शीतलम्' इति प्रथमपुस्तके पाठः ।
- 19. 'मुनितिदुकः' इति षष्ठपुस्तके पाठः ।
- 20. 'शाली' इति षष्ठपुस्तके पाठः ।
- 21. 'पियालो' इति षष्ठपुस्तके पाठः ।
- 22. 'क्षुधापहं' इति षष्ठपुस्तके पाठः ।
- 23. 'परुषोऽशोधनः' इति षष्ठपुस्तके पाठः ।
- 24. 'स्फूर्यः' इति पंचमपुस्तके पाठः ।
- 25. 'विश्रातिदुकमप्पेवं' इति षष्ठपुस्तके पाठः ।
- 26. 'चारण' इति षष्ठपुस्तके पाठः ।
- 27. 'कटकी' इति पंचमपुस्तके पाठः । 'कंटंपि' इति षष्ठपुस्तके पाठः
- 28ं. 'फलस्त्वांसपो' इति प्रथमपुस्तके पाठः।

- 29. 'लकुचोग्रंथिमत्फलाः' इति पंचमपुस्तके पाठः ।
- 30. 'स्वादुतरः' इति पंचमपुस्तके पाठः ।
- 31. 'वदरं' इति प्रथमपुस्तके पाठः ।
- 32. 'चिकोचकं' इति प्रथमपुस्तके पाठः ।
- 33. 'पिष्टं' इति षष्ठपुस्तके पाठ ।
- 34. 'म्रलूकमल्लूभल्लूकम्' इति प्रथमपुस्तके पाठः ।
- 35. 'रसतः' इति प्रथमपुस्तके पाठः ।
- 36. 'म्रक्षोडं' इति प्रथमपुस्तके पाठः ।
- 37. 'तूतं' इति पंचमपुस्तके पाठः।
- 38. 'तुदं' इति पंचमपुस्तके पाठः ।
- 39. 'भूदं' इति षष्ठपुस्तके पाठः । 'तृतं' इति पंचमपुस्तके पाठः ।
- 40. 'केशराभः' इति पचमपुस्तके पाठः।
- 41. 'समुद्रजैः' इति षष्ठपुस्तके पाठः ।
- 42. 'केशरी' इति पंचमपुस्तके पाठः ।
- 43. 'केशरं' इति पंचमपुस्तके पाठः ।
- 44, 'गोरक्षीयोगसारकः' इति षष्ठपुस्तके पाठः ।
- 45. 'शुक्रो' इति प्रथमपुस्तके पाठः ।
- 46. 'चेतनः' इति प्रथमपुस्तके पाठः ।
- 47. 'शतभेदकः' इति प्रथमपुस्तके पाठः ।
- 48. 'पित्तास्रकफदीपनम्' इति प्रथमपुस्तके पाठः ।
- 49. 'निहंतिनष्टधातुरुचिशोधनम्' इति प्रथमपुस्तके पाठः ।
- 50. 'विसचिकानां' इति प्रथमपुस्तके पाठः ।
- 51. 'म्राम्रतकश्चाम्रवटः' इति पंचमपुस्तके पाठः । 'म्राम्रातकश्चाम्रतदः' इति षष्ठपुस्तके पाठः ।
- 52. 'राजपत्रकः' इति प्रथमपुस्तके पाठः ।

- 53 'मेहनं' इति षष्ठपुस्तके पाठः ।
- 54. 'नागवल्लकी' इति षष्ठपुस्तके पाठः।
- 55. 'मलवातश्रमापहम्' इति प्रथमपुस्तके पाठः।
- 56. This is the end of 95th chapter of Ayurveda Saukhyam in Todarānanda and the colophon reads as below:

इति श्रीमहाराजाधिराजटोडरमल्लविरिचते टोडरानदे ग्रायुर्वेदसौस्ये निघंटौ फलवर्गनाम एकोननवितिमोहर्षः (?) ॥

### CHAPTER 37

1 कूष्मांड

> 2 कूष्मांडकी पुष्पफला सीमका च महाफला । 3 कक्किएरपरा लघ्वी स्वादु भूराजकक्केंटी ॥ १ ॥

Kūşm**ā**ṇḍa

Kuşmāṇḍakĩ, puṣpa phalā, somakā and mahā phalā—these are the synonyms of kuṣmāṇḍaka

It has a smaller variety which is called karkāru. The sweet variety of kuṣmāṇḍakī is called bhūrāja karkaṭī.

## कालिंग

कालिगं कृष्णबीजं स्यात् कालिदं फलवर्त्तुं तम् ।

Kālinga

 $K\bar{a}linga$ , krsna  $b\bar{i}ja$ ,  $k\bar{a}linda$  and phala varttula—these are synonymous.

तुं बी

तुंबी मिष्टा महातुंबी राजालाबुरलावुनी ॥ २ ॥

#### Tumbī

Tumbī, miṣṭā, mahā tumbī, rājālābu, alāvunī—these are synonymous.

## कट्तुं बी

### Kaţu tumbī

Kaţu tumbī, pinda phalā, rāja putrī and dugdhinī—these are synonymous.

### कर्कटी

### Karkaţī

Karkaţi, lomasī, vyāla, patrairvāru and bṛhat phalā—these are synonymous

### त्रपुस

# Trapusa

Trapusī, kaņṭaki latā, sudhāvāsa, parankiṭa, chardyāyanī, mūla phalā, tiktā and hasti parṇinī—these are synonymous.

## चिर्भटी

## Cirbhaţī

Cirbhița, dhenu dugdha and gorakșa karkați—these are synonymous.

## वालुक

#### Vāluka

Vāluka, kānduka, vālu, šīrņa vṛnta, citra phala, vicitra and pīta varṇaka—these are synonymous.

Vāluka is cooling, sweet and heavy.

### कोशातकी

कोशातकी कृतछिद्रा जालिनी कृतवेधना ।। ६ ॥ मृदंगफिलनी क्षोडा घोंटाली कर्कश**छदा ।** 

### Kośātakī

Kośātakī, kṛta chidrā, jālinī, kṛta vedhanā, mṛdanga phalinī, kṣodā, ghonṭālī and karkaśa chadā—these are synonymous.

## राजकोशातकी

राजकोशातकी मिष्टा महाजालिः प्रपीतकः ॥ ७ ॥

## Rāja kośātakī

Rāja kośātakī, mistā, mahājāli and prapītaka—these are synonymous.

## महाकोशासकी

महाकोशातकी त्वन्या हस्तिघोषा महाफला ।

## Mahā kośātakī

Another variety of kośātakī is called mahā kośātakī. Its synonyms are hasti ghoṣā and mahā phalā.

# दृ ताकी

वृंताकी वित्तका वृंता भंटाकी भटिका मता ।। द ।।

ग्रपरः क्वेतवार्त्ताकः कुकुटाडफलोपमा ।

तस्माद्धीनगुणं किचिदर्शशां च हितः स्मृतः ।। ६ ।।

## Vŗntākī

 $Vrnt\bar{a}k\bar{\imath}$ ,  $varttik\bar{a}$ ,  $vrnt\bar{a}$ ,  $bhant\bar{a}k\bar{\imath}$  and  $bhantik\bar{a}$ —these are the synonyms of  $vrnt\bar{a}k\bar{\imath}$ .

A variety of it is called śveta vārtāka and it looks like an egg of the hen. It is slightly inferior in quality and it is useful for arśas (piles).

### विवी

बिसी रक्तफला गोल्हा तुंडी दंतछदोपमा ।

#### Bimbī

Bimbī, rakta phalā, golhā, tuṇḍī and dantachadopamā—these are synonymous.

#### कारवेल्लक

कारवेल्लं कठिल्लं स्यादुग्रकांडं सुकांडकम् ।। १० ।। करवेल्ली वारिवल्ली बृहद्वल्यपरा स्मृता ।

#### Kāravellaka

Kāravella, kathilla, ugra kānda, and sukāndaka—these are the synonyms of kāravellaka.

It has a variety which is called kara vellī, vāri vallī and bṛhat vallī.

## कर्कोटक

14 तद्वत्कर्कोटकं कुष्ठिकलासारुचिनाशनम् ।। ११ ॥

## Karkoţaka

Karkotaka cures kustha (obstinate skin disease including leprosy), kilāsa (leucoderma) and aruci (anorexia).

# वंध्यानक्कोंटकी, डेडिका

वंध्याकवर्कोटको देवी नागारिब्विषकंटका । डेंडिका विषमुष्टिः स्याद्विषमुष्टि समुष्टिका ॥ १२॥

## Vandhyā karkoţakī, Dendika

Vandhyā karkoṭakī, devī, nāgāri and viṣa kaṇṭakā—these are the synonyms of vaṇḍhyā karkoṭakī.

Dendikā, vişamuşţi and sumuşţikā—these are the synonyms of  $dendik\bar{a}$ .

### कोर्सासबी

18 17 कोलसिंबी कृष्णफला षट्का सुकरपालिका ।

#### Kola simbī

Kola simbī, kṛṣṇa phalā, ṣaṭkā and sūkara pālikā—these are synonymous.

### डिडिसा

18 19 डिंडिसो रोमसफलो तिंडिसो मुनिनिर्मितः ॥ १३ ॥

### Dindisā

Dindisa, romasa phala, tindisa and muni nirmita—these are synonymous.

### सिवि

20 सिबिः कृसिबिः कृत्सास्त्रसिबी पुस्तकसिबिका ।

### Simhi

Simbi, kusimbi, kutsāsra simbī and pustaka simbika—these are synonymous.

## वास्तूक

वास्तूकः क्षारपत्रः स्यात् शाकवीर: प्रसादकः ।।१४॥

### Vāstūka

Vastūka, kṣāra patra, śāka vīra and prasādaka—these are synonymous.

## जीवंतक

21 जीवंतकः शाकवीरः रक्तनालः प्रनालकः ।

### Jīvant aka

Jīvantaka, śāka vīra, raka nāla and pranālaka—these are synonymous.

#### चिल्ली

विल्ली महद्दला रक्ता चिल्लिका गौडवास्तुकः ॥१५॥

Cillī

Cillī, mahaddalā, raktā, cillikā and gauda vāstuka—these are synonymous.

#### कालशाक

कालशाक कालिका स्याच्चुचुका चंचुको मतः।

Kāla šāka

 $K\bar{a}la$   $s\bar{a}ka$ ,  $k\bar{a}lik\bar{a}$ ,  $cucuk\bar{a}$  and  $ca\bar{n}cuka$ —these are synonymous.

## तंदुलीयक

23 24 तंदुलीयो मेघनादः कांडीरस्तंदुलीयकः ॥ १६॥ विषष्टनः कंदरोन्यः स्यान्मारिषो मार्षकस्तथा ॥

Tandulīvaka

Tandulīya, megha nāda, kāṇḍīra, tandulīyaka, viṣaghna and kandara—these are the synonyms of tandulīyaka.

It has another variety which is known as māriṣa and mārṣaka.

### फोगो

भोगो मरूद्भवः शुंगी सूक्ष्मपुष्पः शशादनः ॥ १७ ॥

Phogo

Phogo, marŭdbhava, śuṅgī, sūkṣma puṣpa and śaśādana—these are synonymous.

## पटोल

पटोलः पांडुंको जाली कूलकः कवर्कशास्त्रदः । राजीफलः पांडुफलः राजमानमृतफलः ।। १८।। तिक्तोत्तमा बीजगर्भापरा राजपटोलिका ।

## Paţola

Paṭola, pāṇḍuka, jālī, kūlaka, karkaśa chada, rājī phala, pāṇḍu phala, rājamān, amṛta phala, tiktottamā and bīja garbhā—these are the synonyms of paṭola.

It has another variety which is called rāja patolikā.

## चिचित्रड

26 27 चिच्चिडो स्मीरक्लान्यः श्वेतराजी बृहत्फलः ॥१६॥

## Ciccinda

Ciccinda and smīra kūla—these are the synonyms of ciccinda.

Another variety of it is known as śveta rājī and brhat phala.

### पालंक्या

पालंक्याव स्त्काकारा क्षारिका वीरतछदा ।

## Pālankyā

 $P\bar{a}lanky\bar{a}$ ,  $v\bar{a}stuk\bar{a}k\bar{a}r\bar{a}$ ,  $k\bar{s}arik\bar{a}$  and  $v\bar{i}rata$  chadá—these are synonymous.

## उपोदिका

पोतवयुपोदिका प्रोक्ता मत्स्यकाली सुतुंगिका ॥२०॥

## $Upodik\bar{a}$

Potakī, upodikā, matsya kālī and sutungikā—these are synonymous.

## लोणिक

लोणिकोष्ट्रा बृहत्कोटी कुटिरस्तु कुटिंजरः । 29 30 31 गण्डह्की स्यात गण्डह् फंजी फंजीतकस्तथा ।। २१ ॥

## Loṇika

Loņika, uṣṭrā, bṛhat koṭī, kuṭira, kuṭiñjara, gaṇḍarukī, gaṇḍaru, phañjī and phañjītaka—these are synonymous.

## सुनिषन्तक

सुनिषणः स्वस्तिकः स्याद्वरा वस्तिकपणिकः ।

Sunişannaka

Sunişaņa, svastika, varā, vastika parņika—these are synonymous.

### सिरबार

32 सिरवारः कुरंडीस्यान्नाङीतुन्नालिका मता ॥ २२ ॥

Sira vāra

Sira vāra, kuraņdī, nādītun and nālikā—these are synonymous.

### सर्वपशाक

सार्षपं सर्षपोद्भूतं कौसुंभ तु कुसुंभजम् ।

Sarşapa śāka

 $S\bar{a}rsapa$ ,  $sarṣapodbh\bar{u}ta$ , kausumbha and kusumbhaja—these are synonymous.

#### चणकशाक

33 चाणकं शाकमुद्दिष्टं दुर्ज्जरं कफवातजित् ॥ २३ ॥

Caṇaka śāka

Caṇaka śāka is difficult of digestion. It alleviates kapha and  $v\bar{a}ta$ .

#### द लायशाक

कलायशाक भेदि स्याल्लघुपित्तकफापहम् ।

Kalāya śāka

Kalāya śāka is purgatīve. It is light and it alleviates pitta and kapha.

## चांगेरी

चांगेरी त्वम्लिका चुक्रा छत्राम्लीका चतुःछदा ॥२४॥

## Cāngerī

Cāngerī, amlikā, cukrā, chatrāmlīkā and catuh chadā—these are synonymous.

# कासमर्द, गुञ्जन

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कासमर्दः कक्कंशः स्यात् गुंजनो गजरस्तथा ।

## Kāsa marda & Gṛñjana

Kāsa marda and karkaśa—these are synonymous.

Grñjana and gajara—these are synonymous.

## लशुन

मूलकं हस्तिकदः तद्वालमूलकपोतिका ॥ २५ ॥

#### Mülaka

 $M\bar{u}laka$  and hasti kanda—these are the synonyms of  $m\bar{u}laka$ .

The tender variety of  $m\bar{u}laka$  is called  $b\bar{a}la$   $m\bar{u}laka$  and  $potik\bar{a}$ .

## करीरक

करीरको गृढपत्रो त्रकचो ग्रंथिलो मतः।

### Ka**r**īraka

Karīraka, gūdha patra, krakaca and granthila—these are synonymous.

# शिग्रु

शियु सौभाजनः कृष्णगंघः स्याद्वहुलछदः ।। २६ ।। रक्तोऽन्यो मधुशियुस्तु श्वेतोऽन्यो हरितछदः । तद्बीजं श्वेतमरिच तीक्ष्णोष्ण चक्षुषे हितम् ।। २७ ।। तत्पुष्प मधुरं ग्राह् वातलं कफशोथजित् ।

Śigru

Śigru, saubhāñjana, kṛṣṇa gandha and bahula chada—these are the synonyms of śigru.

It has a red variety which is called madhu sigru and the white variety of it is called harita chada.

Its seed is called *śveta marica* which is sharp, hot and useful for eye.

The flower of sigru is sweet and constipative. It aggravates  $v\bar{a}yu$  and cures vitiated kapha and oedema.

## लशुन

31 38 लशुनः स्यादुग्रगंधो यवनेष्टो रसोनकः ॥ २८॥ गंजनोऽन्योमहाकंदो जर्जरो दीर्घपत्रकः ।

#### Laśuna

Lasuna, ugra gandha, yavanesta and rasonaka—these are synonymous.

Another variety of it is called grnjana, mahā kanda, jarjjara and dīrgha patraka.

# पलांडु

पलांडुर्यवनेष्टश्च दुर्गधो मुखदूषकः ॥ २६॥

## Palāṇḍu

Palāṇḍu, yavaneṣṭa, durgandha and mukha dūsaka—these are synonymous.

## क्षीरपलांडु

पलाडुकः क्षीरपलाडुक्तः सक्षीरवान् क्षौद्ररसो यदि स्यात्।

Kşīra palāndu .

Palānduka having a milky juice which tastes like honey is called kṣīra palānḍu.

## गृ'जन

गृंजनः पित्तलो ग्राही तीक्ष्णोष्णो रोगनाशनः ॥३०॥ गंधाकृतिरसैस्तुल्यः सूक्ष्मनालपलांडुवत् । 39 स्वल्पः मूलकसंकाशः कंदो गृंजनमुच्यते ॥ ३१॥

40 ग्रंथिपर्णः समाकारः पत्रैः कैव्चिन्मनीषिभिः ।

## Gṛñjana

Gṛñjana aggravates pitta. It is constipative, sharp and hot. It cures diseases (?). In smell, shape and taste, it is like sūkṣma nāla palāṇḍu.

Some scholars hold a plant like small radish as grñjana. Some others, however, call another plant having leaves like those of granthi parna as grñjana.

### सूरग

सूरण क दल कंदो गुदामयहरः परः ॥ ३२॥ वज्रकंदः सुरेद्र स्याद्वन्योऽन्यश्चित्रदंडकः ।

## Sűraņa

Sūraṇa, kandala, kanda, gudāmaya hara, vajra kanda and surendra—these are the synonyms of sūraṇa.

Another wild variety of it is called citra danda.

## अस्थि संहार

41 ग्रस्थिप्रृंखलिको वज्री ग्रंथिमानस्थिसंहृता ॥ ३३ ॥

## Asthi samhāra

Asthi śrnkhalika, vajrī, granthimān and asthi samhṛtā—these are synonymous.

## वाराही

वाराही माधवी गृष्टिस्तत्कंदः सौकरः कीटः।

Vārāhī

Vārāhī, mādhavi and gṛṣṭi—these are the synonyms of vārāhī.

Its rhizome (root?) is called saukara and kīţa.

## मूशली

मशली तालपत्री स्यात्बलिनी तालम्लिका ॥ ३४॥

Műśalī

Muśalī, tālapatri, balınī and tāla mūlikā —these are synonymous

केय

केयुका फलुको पीलुकेयुका दलशालिनी ।

Keyu

Keyukā, phaluka, pīlu keyukā and dala śālinī—these are synonymous.

भूछत्र

भूछत्रं पृथिवीकंदः शिलीध्र कंदकं मतम् ॥ ३५ ॥

Bhūchatra

Bhūchatra, pṛthivī kanda, śilindhra and kandaka—these are synonymous.

मानकंद

स्थूलकंदो ग्रामकंदो मानकोऽन्यो महच्छद.

Māna kanda

Sthūla kanda, grāma kanda and mānaka- these are the synonyms of māna kanda.

It has another variety having bigger leaves.

कसेरु

कसेरुकं स्वल्पकंदं बृहद्राजकसेरुकम् ॥ ३६॥

#### Kaseru

Kaseruka and svalpa kanda—these are the synonyms of kaseru.

It has a bigger variety which is called tāja kasetuka.

## शृङ्गाटक

शृंगाटो जलकंदः स्यात्त्रिकोणस्त्रिकटस्त्रिकः ।

# Śrngātaka

Śrngāta, jala kanda, trikoņa, trikata and trika—these are synonymous.

# विडालु

पिडालुक कछगधं मध्वालु स्यात्तु रोमशम् ॥ ३७ ॥
शखालु गखसंकाश काष्ठालु स्वल्पकोष्ठकम् ।
हस्तालुकं महाकाष्ठ रक्तालु रक्तकंदकम् ॥ ३८ ॥
श्रातिजीणंमकालोत्थं रूक्षशीतमभूमिजम् ।
जठरं कोमल वातिशीतं व्यालादिद्षितम् ।
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शुष्कं शाकं च सकल नाष्ट्रनीयान्मूलकं विना ॥३६॥

## Pindālu

Piṇḍālu, kacha gandha, madhvālu, romaśa, śankhālu, śankha samkāśa, kāṣṭhālu, svalpa kosṭhaka, hastāluka, mahā kāṣṭha, raktālu and rakta kandaka—these are synonymous.

All leafy vegetables which are  $atij\bar{\imath}rna$  (very old),  $ak\bar{a}lottha$  (unseasonal),  $r\bar{u}k\bar{s}a$  (ununctuous),  $s\bar{\imath}ta$  (cold),  $abh\bar{u}mija$  (not grown on ground), jathara (preserved since long), komala (soft),  $atis\bar{\imath}ta$  (excessively cold),  $vy\bar{a}l\bar{a}di$   $d\bar{u}sita$  (eaten by animals insects etc) and suska (dry) should not be used.  $M\bar{u}laka$  is an exception to this rule.

#### NOTES AND REFERENCES

1. This is the 96th chapter in Ayurveda Saukhyam in Toḍarā-nanda and the opening invocation reads as below:

यो हृद्रमोरामसुहृद्धिभत्ता विश्वस्यकत्तानृपतौ सुखानाम् । मुखायभृयाद्भृविटोडरेद्रे भूदेव सर्द्धिमसुहुज्जनानाम् ।

- 2. 'कृष्माडकी' इति षष्ठपुस्तके पाठः ।
- 3. 'रूराजकनर्कटी' इति प्रथमपुरतके पाठः।
- 4. 'कालिगं' इति पंचमपुस्तके पाठः ।
- 'वुरसाम्बुनी' इति पंचमपुस्तके पाठः ।
   'पुक्लाविनी' इति षष्ठपुस्तके पाठः ।
- 6. 'तु बी' इति षष्ठपुस्तके पाठः ।
- 7. 'लोमशा' इति पंचमपुस्तके पाठः ।
- 8. 'वालय' इति पंचमपुस्तके पाठ'।
- 9. 'त्रपुस' इति पंचमपुस्तके पाठः ।
- 'पलिकटा' इति षष्ठपुस्तके पाठः ।
   'परकटुः' इति पचमपुस्तके पाठः ।
- 11. 'छर्चादिनी' इति षष्ठपुस्तके पाठः ।
- 12. 'मूत्रफला' इति प्रथमपुस्तके पाठः ।
- 13. 'क्लेष्मल' इति षष्ठपुस्तके पाठः ।
- 14. 'तद्वत्कुवटिकम् इति षष्ठपुस्तके पाठ.।
- 15. 'व्विषकटिका' इति प्रथमपुस्तके पाठः ।
- 16. 'कोलशिवी' इति षष्ठपुस्तके पाठ.।
- 17. 'सूकरपादिका' इति पचमपुस्तके पाठः ।
- 18. 'तिदिशो' इति पंचमप्सतके पाठः ।
- 19. मुनिनिर्मिता' इति पंचमपुस्तके पाठः ।
- 20. सिवी.' इति पंचमपुस्तके पाठः ।
- 21. 'प्रणालकः' इति षष्ठपुस्तके पाठः ।

- 22. 'गौर' इति पंचमपुस्तके पाठः ।
- 23. 'महानादः' इति षष्ठपुस्तके पाठः ।
- 24. 'कांडीयस्तंदुलीयकः' इति षष्ठपुस्तके पाठः ।
- 25. 'सुक्ष्मपत्रः' इति पचमपुस्तके पाठः ।
- 26. 'इचतगंधो' इति षष्ठपुस्तके पाठः।
- 27. 'महाफला' इति षष्ठपुस्तके पाठः ।
- 28. 'सुरंगिका' इति पंचमपुस्तके पाठः ।
- 29-31. हुं हु इः स्याछुहु हुकः' इति प्रथमपुस्तके पाठः ।
- 32. 'कुरंडीस्यान्नारीतुन्नालिका' इति षष्ठपुस्तके पाठः ।
- 33. 'चानाक' इति षष्ठपुस्तके पाठः ।
- 34. 'क्षुद्रा' इति षष्ठपुस्तके पाठः ।
- 35. 'काशर्द्धकः' इति पंचमपुस्तके पाठः ।
- 36. 'सस्थिलो' इति षष्ठपुस्तके पाठ. ।
- 37. 'लसुन.' इति प्रथमपुस्तके पाठः ।
- 38. 'जवनेष्टो' इति प्रथमपुस्तके पाठ. ।
- 39. 'शंकाशंक' इति षष्ठपुस्तके पाठ. । 'सकासः' इति पंचमपुस्तके पाठः ।
- 40. 'वर्णः' इति प्रथमपुस्तके पाठः ।
- 41. 'अस्थिप्शृंस्वरिका' इति षष्ठपुस्तके पाठः ।
- 42. 'ग्रंथिमानस्थिवृहण.' इति षष्ठपुस्तके पाठः ।
- 43. 'स्यावलि' इति षष्ठपुस्तके पाठः ।
- 44. 'बृहद्राजकशेरकम्' इति पंचमपुस्तके पाठः ।
- 45. 'कत्थगन्ध' इति षष्ठपुस्तके पाठः ।

This is the end of 96th chapter of Ayurveda Saukhyam not in Todarānanda and the colophon reads as below:

इति श्रीमहाराजाधिराजटोडरमल्लविरिचते टोडरानंदे श्रायुर्वेद-सौक्ये निघंटो शाकवर्गे नवतितमो हर्षः (?) ।

## CHAPTER 38

जल

पानीयं जीवन नीरं कीलालममृत जलम् । आपोंभस्तोयमुदकं पाथोंबुसलिलं पयः ॥ १॥

Jala

Pānīya, jīvana, nīra, kīlāla, amṛta, jala, āpa, ambha, toya, udaka, pātha, ambu, salila and payas—these are synonymous.

दुगध

दुग्धं प्रस्नवणं क्षीरं सौम्य संजीवन पयः ।

Dugdha

Dugdha, prasravana, kṣīra, saumya, sañjīvana and payas—these are synonymous.

दधि

दिध स्त्यानंपयः सम्यक्स्त्यानमीषत्तु मदकम् ॥ २ ॥

Dadhi

Dadhi and styānam payas—these are the synonyms of well

fermented dadhi. If it is slightly fermented then it is called mandaka.

#### तऋ

दंडाहत कालसेयं गोरसंच विलोडितम् । सरसं निज्जंल घोल मथित सरवर्जितम् ॥ ३॥ समोदकं श्वेतमथमुदिश्वत् ह्यर्द्धवारिकम् । पादोदकं भवेत्तकमूर्द्धाभोन्योवभाषिते ॥ ४॥

#### Takra

Daṇḍāhata, kālaseya, gorasa, viloḍita, sarasa, nirjala, ghola, mathita and sara varjita—these are synonymous

Dadhi mixed with equal quantity of water is known as śveta.

Dadhi mixed with half of water is called udasiit.

Dadhi mixed with one fourth of water is called takra.

## नवनीत

हैयंगवीन सरजं नवनीतमनुमंथजम् ।

#### Navanīta

Hayamgavīna, saraja, navanīta and anumanthaja—these are synonymous.

## घृत

घृतमाज्य हिवः सर्पिराज्यारममृताह्वयम् ॥ ५ ॥

## Ghṛta

Ghrta, ājya, havis, sarpıs, ājyāra and amrtāhvaya—these are synonymous.

#### मद्य

मद्यं हारा सुरा मदा मदिरा वरुणात्मजा । सुधा गंधोत्तमा कल्पा देवसृष्टा च वारुणी ॥ ६॥ Madya

Madya, hārā, surā, mandā, madirā, varunātmajā, sudhā, gandhottamā, kalpā, devasrstā and vārunī—these are synonymous.

## इक्षु

इक्षुम्मेंहारसो वेणुनिःसृतो गुडपत्रकः तुणराजो मधुतुणो गंडीरी मृत्युपुष्पकः ॥ ७॥

Iksu

Ikṣu, mahārasa, veṇu niḥsrta, guḍa patraka, tṛna rāja, madhu tṛṇa, gaṇḍīrī and mṛtyu puṣpaka—these are synonymous.

## इक्षुविकार

सिता मत्स्याडिका पल्ली मीनांडी घल्लकस्तथा।
ग्रन्या सितोपला शुद्धा सिकता छित्रकामला।। ८।।
खंडमथ खडसिता माधवी मधुशक्करा ।
फाणितं क्षुद्रगुडको गुडस्त्विक्षुरसोद्भवः ॥ ६॥

Ikşu vikāra

Sitā, matsyāṇḍikā, pallī, minānḍī and ghallaka—these are the synonyms of matsyāṇḍikā.

Another variety of it is called sitopalā, šuddhā, sikatā, chatrikā and amalā.

Khanda and sitā—these are the synonyms of khanda.

Mādhavī is called madhu śarkarā. Phāņita, kṣudra guḍaka and guḍa—these are prepared from sugar cane juice.

# मधु

मधु पुष्पासवः पुष्परसो माक्षिकमीरितम् । माक्षिकं पैत्तिकं क्षौद्रं भ्रामर मध्वविस्तरात् ॥१०॥ माक्षिकं तैलसंकाशं पैत्तिकं घृतवर्णकम् ।

# क्षौद्रं कपिलवर्ण स्याद्भामरं स्फटिकोपमम् ॥ ११ ॥

#### Madhu

Madhu, puṣpāsava, puspa rasa, and mākṣika—these are the synonyms of madhu.

Mākṣika, paittika, kṣaudra and bhrāmara—these are in brief the different varieties of madhu.

Mākṣika is like oil. Paittika has the colour of ghee. Kṣaudra is reddish brown in colour and bhrāmara is like a crystal.

# मधून्छिष्ट

मदनं मधुजं सिक्थं मधूच्छिष्टं मधूषितम् ।

## Madhücchişta

Madana, madhuja, siktha, madhūcchista and madhūsita—these are synonymous.

## धान्यवर्ग

शालयो रक्तशल्याद्या ब्रीहयः पिटकादयः ॥ १२ ॥
मुद्गादिद्वेदलं सौचकंग्वादि तृणधान्यकम् ।
क्षुद्रधान्यं कुधान्यं तत्स्थूलधान्य यवादिकम् ॥ १३ ॥
रक्तशालिलोहितः स्याद्गष्टः शकुनाहृतः ।
सुगंधिको महाशालिकमलस्तु कलामको ॥ १४ ॥

## Group of dhānya

Rakta śāli etc., belong to śāli group. saṣṭika etc., belong to brihi group. Mudga etc., belong to dvidala (dicotyleden) group, Sauca kaṅgu etc., belong to tṛṇa dhānya group. Kṣudra dhānya is called kudhānya. Yava etc., are called sthūla dhānya. Rakta śāli is called lohita, garuḍa is called śakunāliṛta, sugandhika is called mahā śāli and kalama is called kalāmaka.

### क्षीरी

क्षीरेयं परमान्नं स्यात्पायसं क्षीरतंदुलैंः । क्षीरिका दुर्ज्जरा बल्या धातुपुष्टिप्रदा गुरु ॥ १५ ॥ विष्टंभिनी हरेतिपत्तं रक्तिपत्तानिमारुतान् ।

Ksīrī

Kṣīreya, paramānna and pāyasa—these are synonyms of  $kṣīr\bar{\imath}$  which is prepared of milk and rice.

 $K\bar{s}\bar{i}rik\bar{a}$  is difficult of digestion and strength promoting. It provides nourishment to tissue elements. It is heavy and constipative. It alleviates pitta, rakta pitta (a disease characterised by bleeding from different parts of the body), agni (digestive power) and  $v\bar{a}yu$ .

#### रागषाडव

गुडादिपक्वक्वथितमाममाम्रफलं पुनः ।। १६ ।। स्नेहैला नागरैर्युक्तं ज्ञातन्यो रागषाडवः । सित्ताहचकसिधूरथैः सवृक्षाम्लपहषकैः ।। १७ ।। जंबूफलरसैर्युक्तो रागो राजिकया कृतः । षाडवा मधुरोष्णादिरससयोगसभवाः ।। १८ ।। दीपना बृंहणा रुच्या हृद्या स्तृष्णाश्रमापहाः ।

Rāga şāḍava

A preparation of green fruits of  $\bar{a}mra$  fermented after boiling with guda etc.. and added with sneha (oil), elā, and nāgara is called rāga ṣāḍava,

A preparation of the juice of the fruit of jambu mixed with sitā, rucaka, sindhuttha, vṛkṣāmla, paruṣaka and rājikā is called rāga.

Various types of sadavas, prepared by the juices which are

sweet & hot, are stimulant of digestion, nourishing and appetiser It is a cardiac tonic. It alleviates thirst & fatigue.

## खंडाम्र, खंडामलक

स्राम्त्रामलकलेहाद्याः हृद्याः पुष्टिबलप्रदाः ।। १६ ।। तप्पंणा रोचनास्निग्धा मधुरा गुरवस्तथा ।

## Khandāmra and Khandāmalaka

Lehyas prepared of āmra and āmalaka are cardiac tonic, promoter of plumpness and strength, nourishing, appetiser, unctuous, sweet and heavy.

### शिखरिणि

सितं दिधमध्वाज्यमिरिचैलादिसंस्कृतम् ॥ २०॥ 5
मिथित कान्तकामिन्या कर्पूरपरिपाचितम् ।
रसाला शिखरिण्युक्ता माजिता माजिका बुद्धैः ॥२१॥
रसाला शुक्रला बल्या रोचनी वातिपत्तिजित् ।
स्निग्धा गुरुः प्रतिश्यायं विशेषेण विनाशयेत् ॥ २२ ॥

# Śikhariņi

Sugar and dadhi mixed with madhu, ājya and marica, churned by a beautiful lady and mixed with karpūra is called rasālā, šikhariņi, mārjitā and mārjikā.

Rasālā is spermatopoetic, strength promoting and appetiser. It alleviates aggravated vāta and pitta. It is unctuous and heavy. It specially cures pratisyāya (cold).

#### पानक

द्राक्षाश्रीकपरुषादि जल खंडादिमिश्रितम् ।

मारिचाद्र कर्क्पूरचातुर्जातादिसंस्कृतम् ॥ २३॥

पानकं द्विविधं तत्स्यादम्लानम्लविभेदतः ।

द्राक्षा खजूरकारमर्थ समधूकपरुषके : ।। २४ ।।
पंवसाराभिधानं च चंद्रपूर्णाभिवासितम् ।
पानकं मूत्रलं हृद्य प्रीणनं तृद्श्रमापहम् ।। २५ ।।
यथाद्रव्यं गुणं तत्तु गुरुलध्वादिनिर्दिशेत् ।
पंचसाराभिधं पित्ततृष्णादाहश्रमापहम् ।। २६ ।।
माध्वीक श्रमदाहास्रपित्तक्लमतृषापहम् ।
परूषकानां लोकानां(?)हृद्यं विष्टंभि पाचनम् ।। २७ ।।
श्रम्लीकायाः सरं तृष्णाकृभिदाहश्रमापहम् ।

#### Pānaka

The potion prepared of drākṣā, śrīka, paruṣa etc., mixed with water and khaṇḍa (a type of sugar) and impregnated with marica, ārdraka, karpūra, caturjātaka (tvak, elā, patra and nāga kesara) etc., is called pānaka.

Pānaka is of two types—one is sour and the other is not sour.

The pānaka prepared of drākṣā, kharjūra, kāśmarya, madhūka and paruṣaka and mixed with karpūra is called pañca sāra.

Pānaka is diuretic, cardiac tonic and nourishing. It cures morbid thirst and exhaustion.

The heaviness and lightness of  $p\bar{a}naka$  should be determined according to the property of its ingerdients.

Pañca sāra type of pānaka cures aggravated pitta, morbid thirst, burning syndrome and exhaustion.

Mādhvika type of pānaka cures exhaustion, burning syndrome, asra pitta (a disease characterised by bleeding from different parts of the body), klama (mental fatigue) and morbid thirst.

The pānaka prepared of paruṣaka and loka (?) is cardiac tonic, constipative and carminative.

The pānaka prepared of amlikā is laxative and it cures morbid thirst, intestinal warm infestation, burning syndrome and exhaustion

### सट्टक

सुस्नेहं दिधि निर्मांश्य पटे शक्केरयान्वितम् ॥ २८ ॥ सब्योषं दाडिमाजाजिसट्टकोऽयमुदाहृतः । सट्टको रोचनो स्वर्यः पित्तानिलहरो गुरुः ॥ २६ ॥ दीपनस्तर्पणो बल्यः श्रमक्लमतृषापहः ।

## Saţţaka

On a piece of cloth, dadhi with lot of fat and sugar should be triturated well. To this vyoṣa (śunṭhī, pippalī and marica), dāḍima and ajāji should be added. This is called saṭṭaka.

Sattaka is appetiser and promoter of good voice. It alleviates pitta and vāyu. It is heavy, digestive stimulant, nourshing and strength promoting. It cures exhaustion, mental fatigue and morbid thirst.

#### मण्डक

कुकूल कर्परभृष्टा कदांगारविपाचिता ॥ ३०॥

मांडकाद्या यथापूर्व्वं गुरवो वृंहणा मता।

मंडकः मिश्रितः सूक्ष्मो कर्प्परादिषु पाचितः ॥ ३१॥

स एव किंचित्स्थूलस्तु बुधैः पूपालिका मता ।

ग्रंगारकवर्करी सैव विज्ञेयागारपाचिता ॥ ३५॥।

अत्युष्णो मंडकः पथ्यः शीतः स गुरुरुच्यते ।

ग्रंगारमंडक ग्राही लघु दोषत्रयापहः ॥ ३३॥।

Mandaka

Mandaka is prepared over kukula (iron frying pan) or kharpara (earthen pan) in low charcoal heat. The former type (prepared over iron pan) is heavier and more nourishing than the latter (prepared over earthen pan).

Mandaka which is fried over an earthen pan should be thin. The thicker one is called  $p\bar{u}p\bar{a}lik\bar{a}$ .

The mandaka prepared over charcoal is called angāra karkarī.

Mandaka is very wholesome when it is very hot. The cold mandaka is heavy.

Angāra maṇḍaka is constipative and light. It alleviates all the three doṣas.

## पोलिका

### Polikā

Polikā aggravates kapha. It promotes strength. It aggravates pitta and alleviates  $v\bar{a}yu$ .

Angāra karkarī promotes strength, corpulence and semen. It is light and stimulant of digestion. It alleviates kapha, heart disease, pīnasa (chronic cold), asthma and cough.

## ञालिपिष्ट

## Sāli pista

Eatables prepared of the paste of sāli do not promote strength adequately and they produce burning sensation. They

are not aphrodisiac. They are heavy and hot. They aggravate kapha and pitta.

## गोधूमभक्ष

गोधुमविहिताः भक्ष्याः बल्याः पित्तानिलापहाः ॥३६॥

Godhūma bhaksya

Eatables prepared of wheat promote strength and they alleviate pitta as well as  $v\bar{a}yu$ .

## वैदलभक्ष

वैदला वातला भक्ष्या गुरवस्तु सरा हिमाः।

Vaidala bhaksya

Eatables prepared of vaidala (pulses) aggravate vāyu. They are heavy, laxative and cooling.

#### माषभक्ष्य

12

माषपिष्टकृता भक्ष्याः बल्याः पित्तकफप्रदाः ॥ ३७ ॥

Māşa bhakşya

Eatables prepared of the paste of māṣa promote strength. They aggravate pitta and kapha.

#### ग्रन्यभक्ष

विचार्यान्नगुणान् भक्ष्यानन्यानपि विनिर्दिशेत् ।

Other bhaksyas in general

Properties of other eatables should be determined by the properties of their ingredients.

## गुडयुक्तभक्ष्य

गौडिका गुरवो भक्ष्याः वातघ्नाः कफशुक्रलाः ॥ ३८ ॥

Guda yukta bhaksya

Eatables prepared by mixing guda alleviates  $v\bar{a}yu$ . They produce more of kapha and semen.

#### घतपक्व भक्ष्य

12

घृतपाचितभक्ष्यास्तु बल्याः पित्तानिलापहाः ।

Ghṛta pakva bhakṣya

Eatables fried with ghee promote strength. They alleviate pitta and vāyu.

#### तैलयक्व भक्ष्य

तैलजाः दृक्समीरघ्नास्तूष्णाः पित्तास्रदूषणाः ॥ ३६ ॥

Taila pakva bhakşya

Eatables fried with oil reduce eye sight and vāyu. They are hot. They vitiate pitta and rakta.

## दुग्धभक्ष्य

दुग्धालोडितगोधूमशालिपिष्टादिनिर्मिताः । वातिपत्तहराभक्ष्याः हृद्धाः शुक्रबलप्रदाः ॥ ४०॥

Dugdha bhakyşa

Eatables prepared by boiling the paste of  $godh\bar{u}ma$ ,  $\hat{sali}$  etc., in milk alleviate  $v\bar{a}yu$  and pitta. They are cardiac tonics and they promote semen as well as strength,

## घृतपूर

क्षीरेण मिंदतं चूर्ण गोधूमानां सुगालितम् ।
विस्तार्यं सिंपषा पक्त्वा ततः सिताविमिश्चितम् ॥४१॥
घृतपुरोऽयमुद्दिष्टः कर्पूरमिरचान्वितः ॥
संमितः मिंदतः क्षीरनालिकेररसादिभिः ॥ ४२॥
ग्रवगाह्य घृते पक्त्वा घृतपूरो परिस्मृतः ॥
घृतपूरो गुरुवृष्यो हृद्यः पित्तानिलापहा ॥ ४३॥
सद्यःप्राणप्रदो बल्यो क्षतजित् वृह्णः परः ॥

## Ghṛta pūra

The well filtered flour of wheat should be kneaded with milk and boiled with ghee. Thereafter, sugar should be added to it. Then  $karp\bar{u}ra$  and marica should be mixed. This is called ghṛṭa  $p\bar{u}ra$ .

Refined wheat flour should be mixed with milk and juice of nārikera. The dough should then be boiled in ghee. This is also called ghrta pūra.

Ghṛta pūra is heavy, aphrodisiac and cardiac tonic. It alleviates pitta and  $v\bar{a}yu$ . It is instantaneously life-giving.

It promotes strength and alleviates *kṣata* (consumption). It is extremely nourishing.

#### संयाव

संमिता सिंप्पषा भृष्टं सितामरिचिमिश्रितम् ॥ ४४ ॥
एलालवंगकर्प्रचूर्णीदि - परिसंस्कृतम् ॥
13
क्षिप्त्वान्यसिम्मतालम्बपुटेषु च घृते पचेत् ॥ ४५ ॥
खडे न्यसेत्ततः पक्षे सयावोऽयमुदाहृतः ॥
सिम्मता मधुदुग्धेनमदंियत्वा सुशोभनम् ॥ ४६ ॥
पचेद् घृतोत्तरे खंडे न्यसेत्पक्षं नवे घटे ॥
ततो मरिचचूर्णेन खंडचूर्णेन चूर्णितम् ॥ ४७ ॥
कुर्यात्कर्प्रसंयुक्तं संयोवममृतोपमम् ॥

## Samyāva

Refined wheat flour should be fried with ghee and mixed with sugar and marica. It should then be impregnated with the powder of elā, lavanga and karpūra. This should be pressed with the help of some unprocessed wheat flour over a wooden plate (ālamba puṭa) and then fried in ghee. Thereafter, it should be boiled in sugar syrup. This preparation is called samyāva.

Refined wheat flour should be kneaded with honey and milk. It should then be fried in ghee and sugar syrup consecutively. This should be kept in a new jar and sprinkled with the powder of marica, sugar and camphor. This is called samyāva which is like ambrosia.

## मधुशीर्षक

महं यित्वा सुसमितामपूपास्तनवः कृताः ॥ ४८ ॥
मातुलुंगत्वचाखंडपनवमाद्रं कपूरितम् ॥
विधाय पूपकं वृत्तं गंधाढ्यं केशरान्वितम् ॥ ४६ ॥
पक्त्वा सर्पिषि खण्डे च गाहितो मध्शीर्षकः ।

## Madhu śīrşaka

Thin apūpas should be prepared by kneading the refined wheat flour. These should be filled up with a mixture of boiled pieces of the skin of the fruit of matulunga and ardraka. In these rounded apūpas, fragrant things like keśara should be added and these should be boiled in ghee and sugar (syrup) consecutively. This preparation is called madhu śīrṣaka.

## मधुपूपक

समितां गुडतोयेन मेलयित्वा सुगालितम् ॥ ५० ॥ घृते विस्तार्य विपचेत् सुघृतं मधुपूपकः ।

## Madhu pūpaka

Refined wheat flour should be mixed with guda toya and filtered. This should he kneaded with ghee and then boiled in good quantity of ghee. This is called madhu pūpaka.

# द्धिपूपक

शालिपिष्टयुतं दध्ना महं यित्वा घृते पचेत् ॥ ५१ ॥ वेष्टयेत्पक्वखंडेंन सुवृत्ता दिषपूपका । संयावा मधुशीर्षाद्याः पूपकाः दिषपूपकाः ॥ ५२ ॥ गुरवो बृंहणाः हृद्धाः वृष्याः पित्तानिलापहाः । एते संस्कारभेदेन विविधास्तेऽपि ,तद्गुणाः ॥५३॥

## Dadhi püpaka

Paste of *śāli* should be kneaded with *dadhi* and fried in ghee. Rounded pieces of this dough should be smeared with sugar syrup. These are called *dadhi* pūpaka.

Samyāva, madhu šīrṣa etc., pūpaka and dadhi pūpaka are heavy, nourishing, cardiac tonic and aphrodisiac. They alleviate pitta and vāyu.

There are different types of these preparations and their properties vary depending upon their method of processing.

#### विष्यन्दन

दिध क्षीरे समे पक्ता अर्धभागावशेषयेत् ।
ग्रावपेद्रक्तशालीनां तंडुलस्तिलसंयुताम् ॥ ५४॥
पियालपनसाव्जानां बीज मुष्टिं समापयेत् ।
क्षीरतुल्यघृतं चैव शक्करामिरचान्विता ॥ ५५॥
सिद्धस्त्रिकटुकोपेतः कर्प्यूरेणाधिवासितः ।
एष विष्यदनो नाम देवलोकेऽपि दुर्ल्भः॥ ५६॥
यस्मात्पक्वेऽपि घृतेन स्कदते सर्व्वतोमुखम् ।
तस्मात्सूपविधानज्ञैः विष्यदन इति स्मृतः॥ ५७॥
विष्यंदो बृहणो हृद्यः पित्तानिलहरो गुरुः ।

## Vişyandana

Curd and milk should be taken in equal quantity and boiled till half remains. To this, the rice of red variety of *śāli* and *tila* should be added. One *muṣṭi* of the seeds of each of *piyāla*, *panasa* and *abja* should then be mixed with it. Ghee should then be taken in the same quantity as that of milk and

added to it with sugar and marica. After boiling, trikațu (sunțhi, pippalī and marica) should be added along with fragrant things like karpūra. This preparation is called visyandana and it is rare even in the heaven.

When boiled in ghee, it gets condensed (skandana) from all sides for which it is called visyandana by the experts in the science of cooking.

Viṣyandana is bṛmhaṇa (nourishing) and cardiac tonic. It alleviates pitta and vāyu, and it is heavy.

## लिएसका

समितां भर्ज्येत्तप्ते घृते सितां ततो न्यसेत् ।। ५ ।।

चारमञ्जादिसंयुक्ता पयसा योजयेत्तदा ।

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एलैलादियुता तज्ज्ञैर्लक्षिका लिलता मता ।। ५ ६ ।।

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लिप्सका बृंहणी बृष्या वातिपत्तहरा गुरुः ।

## Lapsikā

In the hot ghee refined wheat flour should be added. To this sugar should be added thereafter. Milk boiled with the fruit pulp of  $c\bar{a}ra$  should then be added. It should then be mixed with  $el\bar{a}$ . This is known as  $lapsik\bar{a}$  or  $lalit\bar{a}$ .

Lapsik $\tilde{a}$  is nourishing and aphrodisiac. It alleviates  $v\tilde{a}yu$  and pitta. It is heavy.

## फ़ोनिका

फेनिका पुटिनी शुभ्रा वातिपत्तहरा लघुः।। ६०।। लक्षणं फेनिकादीनां सूपकारैः विचारयेत् ।

## Phenikā etc.

Phenikā, puţinī and śubhrā—these preparations alleviate vāta and pitta. They are light.

Their methods of preparation may be ascertained from expert cooks.

#### मोदक

मोदकाः लड्डुकाः प्रोक्तास्ते चानेकविधाः मताः॥६१॥
दिधि क्षीरनष्टदुग्धं सिमता माषिपिष्टिका ।
सूरणाद्रं ककूष्माण्डशालूकामिषमत्स्यकाः ॥ ६२ ॥
इत्यादिभिर्बहुविधाः फलास्ते सूपशास्त्रतः ।
द्रव्यं विचार्य्यं मितमांस्तद्गुणानिष निर्द्दिशेत्॥ ६३ ॥
मोदकाः दुर्ज्याः वृष्याः बल्याः पित्तानिलापहाः ।

#### Modaka

Modaka is called la dduka. It is of various types. Dadhi, milk, chease, refined wheat flour, paste of māsa, sūraṇa, ārdraka, kūṣmāṇḍa, śālūka, meat, fish, various types of fruits—these, among others, are the ingredients of modaka. Their details may be obtained from sūpa śāstra. Their properties will be the same as those of their ingredients.

Modakas are difficult of digestion, aphrodisiac and strength promoting. They alleviate pitta and vāvu.

#### वटक

माषमुद्गादिपिष्टोक्ता विटका वटकादयः ।। ६४ ।। तत्कारणगुणान् ज्ञात्वा तद्गुणानिप निर्द्धित् । माषान्नवटको हृद्यो विदाहि पवनापहः ।। ६५ ।। साडाकी वटको दृष्टिनाशनो दोषलो गुरुः । त्षावः वटको रुच्यः पित्तलः कफवातिजत् ।। ६६ ।।

## Vataka

Preparations of the paste of  $m\bar{a}sa$  and mudga are called vataka and  $vatak\bar{a}$ . Their properties should be determined on the basis of the properties of their ingredients.

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Vaṭaka prepared of māṣa is cardiac tonic. It cures burning sensation and it alleviates vāyu.

Vaṭaka prepared of  $s\bar{a}nd\bar{a}k\bar{\imath}$  is harmful for eye sight. It aggravates doṣas and it is heavy.

Vaṭaka prepared to tuṣāmbu is appetiser. It aggravates pitta and it alleviates kapha and vāta.

## इंडरी

इंडरीशुक्रला रुक्षा विष्टंभिः कफवातकृत् ।

Iṇḍarī

*Indarī* promotes the quantity of semen. It is ununctuous and constipative. It aggravates kapha and vāta.

#### सोमालिका

सोमालिका गुरुर्वृष्या रोचनो दोषनाशिनी ॥ ६७ ॥

Somālikā

 $Som\bar{a}lik\bar{a}$  is heavy, aphrodisiac and appetiser. It alleviates (all) doṣas.

## कुंडलिका (जलेबी)

बिप्रस्थं शुद्धसिमतां प्रस्थं गोधूमिमिलितम् ।
विमर्द्धं पयसा स्थाप्यं प्रयोज्या च यदाम्लताम् ॥६८॥
सिछद्रे नालिकेरस्य पात्रे निक्षिप्य निम्मंले ।
परिभ्राम्य परिभ्राम्य घृते तप्ते विपाचयेत् ॥ ६६॥
(कर्प्यासितैर्ध्यः) विज्ञेयो नृपवल्लमा ।
सुपक्तवा कंकणाकारं सितालेहेविनिक्षिपेत् ॥ ७०॥
सा तु कुंडलिका नाम पुष्टिकान्तिबलप्रदा ।

## Kundalikā

Two prasthas of refined wheat flour and one prastha of

godhūma, should be mixed with milk and kneaded. This dough should be kept till it becomes sour. Through a clean cup of coconut shell having a hole at the bottom, this dough should be pcured in a whirling manner over hot ghee. When fully boiled it takes the shape of an armlet. It should then be dropped in sugar syrup. This preparation is called  $kundalik\bar{a}$ 

 $Kundalik\bar{a}$  promotes plumpness, complexion and strength.

## कुल्माष

गोधूमाद्यास्तु कुल्माषां श्रर्द्धस्विन्ना मता ववचित् ॥७१॥ कुल्माषा गुरवो रुक्षा वातला भिन्नवर्चसाम् ।

## Kulmāṣa

According to some scholars half soaked  $godh\bar{u}ma$  etc., are called  $kulm\bar{a}sa$ .

Kulmāşa is heavy and ununctuous. It aggravates vāyu and causes purgation.

#### मंथ

निवनस्तूषसंभुष्टः यवचूणं तु सक्तवः ॥ ७२ ॥
सक्तवस्तु घृताभ्यक्ता शीतवारिविलोडिता ।
नातिद्रवा नातिसांद्रा मंथ सिद्भः प्रकीित्ताः ॥७३॥
मंथो बलकरः सद्यः परिणामे बलापहः ।
मेहतृष्णाभयछिदिकुष्ठदेहश्रमान् जयेत् ॥ ७४ ॥
द्राक्षामधुयुतो बल्यः कफश्रममदापहः ।
वर्गात्रयसमायुक्तो दोषवच्चींनुलोमनः ॥ ७५ ॥

#### Mantha

Freshly harvested barley should be fried with husk and then made to a powder. This is called saktu.

Saktu should be kneaded with ghee and then mixed with cold water. It should be neither very thick nor very thin. This preparation is called mantha.

Mantha immediately promotes strength, but in the long run, it reduces strength. It cures meha (obstinate urinary disorders including diabetes), tṛṣṇā (morbid thirst), bhaya (fear complex), chardı (vomiting), kuṣṭha (obstinate skin diseases including leprosy) and deha śrama (physical fatigue). Mixed with drākṣā and honey it promotes strength and alleviates aggravated kapha, fatigue and intoxicating conditions.

When mixed with three groups of medicines, it brings dosas and feces downwards.

## - सक्तु

सक्तवो यवजाः शिताः दीपनाः लघवः सराः । कफिपत्तहरा रूक्षा लेखना पातनास्तु ते ।। ७६ ।। सद्योबलकराः पथ्या घम्मीदिनलातदेहिनाम् । निस्तुषैर्भेज्जितैः पिष्टैश्चणकैः सूपवैकृताः ।। ७७ ।। सक्तवः शक्करसिर्पिर्युक्ता ग्रीष्मेऽतिपूजिताः । रिंडी प्रोक्ता गुरुस्तेषां द्रवत्वाल्लेहिका लघु ।। ७८ ।। नाभुक्त्वा न रदैश्छित्वा न निशाया न च वा बहु । न जलान्तरिता सद्भिः सक्तुनद्यान्न केवलम् ।।७६।।

#### Saktu

Saktu prepared of yava is cooling, stimulant of digestion, light and laxative. It alleviates kapha and pitta. It is ununctuous, lekhana (having scraping effect) and pātana (?) It promotes strength instantaneously & is wholesome for persons fatigued by the heat of the sun.

Saktu is also prepared by frying and pounding dehusked pulses like canaka.

Mixed with sugar and ghee saktu is exceedingly useful in summer season.

It is heavy when prepared in the form of a bolus (pindi) and when prepared in the form of a thin linetus  $(lehik\bar{a})$  it is light.

Saktu should not be taken in empty stomach. It should not be chewed. It should not be taken at night. It should not be consumed in excess quantity. Eating of saktu should not be interrupted by drinking of water. Saktu should not be takenalone.

#### लाजा

भृष्टशाल्यादिजा लाजा धाना भृष्टयवोद्भवा ।
लाजा लघुतरा शीता बल्या पित्तफफप्रदा ।। ८० ।।
छर्चतीसार - दाहास्रमेहमेदस्तुषापहा ।

#### Lājā

Fried śāli etc., are called lājā and fried yava etc., are called dhānā.

Lājā is lighter, cooling and strength promoting. It aggravates pitta and kapha. It cures chardi (vomiting), atisāra (diarrhoea), dāha (burning syndrome), asra (vitiation of blood), meha (obstinate urinary disorders including diabetes) and tṛṣā (morbid thirst).

#### धाना

18 धाना विष्टभिनी रुक्षा कफमेदोपहा लघु:।। ८१।।

#### Dhānā

. Dhānā is constipative and ununctuous. It reduces kapha and medas. It is light.

## पथुका

पक्वार्क्री ब्रीह्यः सम्यक्पीडिताः पृथुकाः मताः ।

पृथुका गुरवो बल्या क्लेष्मलाः वातनाशनाः ॥ ५२ ॥

#### Prthukā

Boiled and wet  $br\bar{i}hi$  etc., are pounded (pressed). These are called  $prthuk\bar{a}$ .

 $Prthuk\bar{a}$  is heavy and strength promoting. It aggravates kapha and alleviates  $v\bar{a}yu$ .

## होलक

सिंबिधान्यैरर्धपक्वैः सुभृष्टो होलको मतः। होलकोऽल्पानिलोमेदकफदश्च स्वभावतः॥ ५३॥

#### Holaka

Holaka is prepared by frying halt boiled simbi dhānya By nature, holaka produces vāyu, medas and kapha in small quantity.

#### तंबी

ग्रपक्व भृष्टर्गोधूमः उलुंवो लुंव उंविका । उंवी कफप्रदा बल्या लघुः पित्तानिलापहा ।। ८४ ।।

#### Umvī

Immature wheat when fried is called *ulumva*, *lumva* and *umvikā*.

Umvī aggravates kapha. It is strength promoting and light. It alleviates pitta and vāyu.

## NOTES AND REFERENCES

1 This is the 97th chapter of Ayurveda saukhyam in Todarāweupp ond the opening invocation reads as below.

# रमाधवो रामसमन्वितः सन्यसाधव टोडरमल्लसंज्ञम् । सपुत्ररामं जगतो हिताय पूर्णं प्रकुर्याद्धनधर्मसोख्यैः ।

- 2. 'हाला' इति पंचमपुस्तके पाठः।
- 3. 'मंडा' इति पंचमपुस्तके पाठः।
- 4. 'वल्लकस्तथा' इति पचमपुस्तके पाठः ।
- 5. 'कामिथा' इति प्रथमपुस्तके पाठः ।
- 6. 'सूचितः' इति पंचमपुस्तके पाठः ।
- 7. 'अंगारक कर्नेटी' इति पचमपुस्तके पाठः।
- 8. 'कर्कंटी' इति पंचमपुस्तके पाठः ।
- 9. 'श्लेष्मा कफपित्तप्रकोपनाः' इति पचमपुस्तके पाठः ।
- 10. In mss I & V, at the end of this verse it is written 'ग्रस्त्र पिष्टा न भक्ष्याः'।
- 11. 'वातघ्ना कफ शुक्रला' इति पंचमपुस्तके पाठः ।
- 12. 'पित्ताकफापहाः' इति पंचमपुस्तके पाठः ।
- 13. 'समितालम्बपुटेषु' इति पंचमपुस्तके पाठः।
- 14. 'संजावममृतोपमम्' इति प्रथमपुस्तके पाठः ।
- 15. 'सुसमितामयूषास्तन्वः' इति प्रथमपुस्तके पाठ. ।
- 16. 'युतानक्तं लंप्सिका' इति पंचमपुस्तके पाठः ।
- 17. 'लप्सिका' इति पंचमपुस्तके पाठः।
- 18. 'गुरुः' इति प्रथमपुस्तके पाठः ।
- 19. This is the end of 97th chapter of Ayurveda Saukhyam in Todarānanda and the colophon reads as below:

पूर्णं सौख्यिमदं शिवं वितनुतां श्रीटोडरेद्रे सदा।

थन्यं वृत्तिकर सुधम्मीभिभवं प्राणिप्रिय शम्मंदम्।। ५५।।

आयुर्वेदसमुद्रजं सुरतरो रूपं द्वितीयं परम् ।

भूमावकुरितं प्रयोगसुदलं नैरुज्य भूयः फलम्।। ५६।।

यो वेदार्थसमूहमौक्तिकगणैः श्रीटोडरानंदकः ।

पूर्णो वारिधिरेष सर्व्वजगतां वर्व्वति धम्मार्थदः ॥ ५७॥

श्रांतर्वाणिविभूषणैरुपरितो गीर्व्वाणतुल्यैः शिवै ।

रालोड्यार्थतरंगवान् विरिचितः शास्त्राणि राजाञ्चया ॥ ५६॥

विश्वेषां परमार्थदोऽखिलजनां ज्ञानांधकारे रविः ।

सद्धम्मांब्जसुबोधने च शशिवत्तापत्रये राजते ॥ ५६॥

श्रीगोविंदपदारिवन्दे वसतामानददो यः सतां —

मन्वर्थ भजते सुनामसकल भूयानमुदे सर्व्वदा ॥ ६०॥

इति श्रीमद्विविधविष्ठवावलीविराजमानदरघुमांधातृभरतादिसमयप्रवृत्तपदवीप्रवर्त्तकांत्ययुगाभिःकृतश्रीमूर्त्तमहददरिद्वादिदुःखवद्धकाक्रांतः ब्राह्मणादिपक्षिगणाश्रयः कल्पपादपः समस्तर्राणपलतासंपोषणाद्दौर्वेड दुष्टप्रदमनातिविकटप्रोच्चदुर्गमिनश्र्षपणक्षमकोपकटाक्ष. हस्तिहयहीरहेमादिदानविस्मारितहरिश्चंद्रादिचत्रवर्त्तिवर्गों दुदन्वदंतरार्वात्तविश्वभराधिनाथप्रतापलीढाः
विष्लुष्टदिगंतस्थपरिपृथि सीमंतिनीहृद्गभं श्रीमदकवरसाहिपुरःसर भारोद्धरणक्षम प्रचंडदौदं डिनरंतरधम्मानुरक्तांतःकरणः द्वितीययुधिष्ठिर श्रीमद्गोविदपादार्र्यदाप्पितसमस्तमनोवृत्यंवरीषप्रह्लादादिसदाग्रहाखिलक्षत्रवंशावतसमूर्द्धन्यलतामकष्णाकूपारगरिमा चलप्रवरागाधांतःकरणातिप्रसिद्धटंडणवशपारावारोद्भूत भूचंद्रमा महाराजाधिराज श्रीटोडरमल्लविरचिते टोडरानंदे
श्रायुर्वेदसौख्ये एकनविततमो हर्षः (?)।। शुभमस्तु।। मांगल्य भूयात्।। श्री श्री ।।
लिखितं कायस्थ मायुरभेवरि गोपाचलीठा हरिवंशुतत्पुत्रदयालदासिलिखितम्,
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